

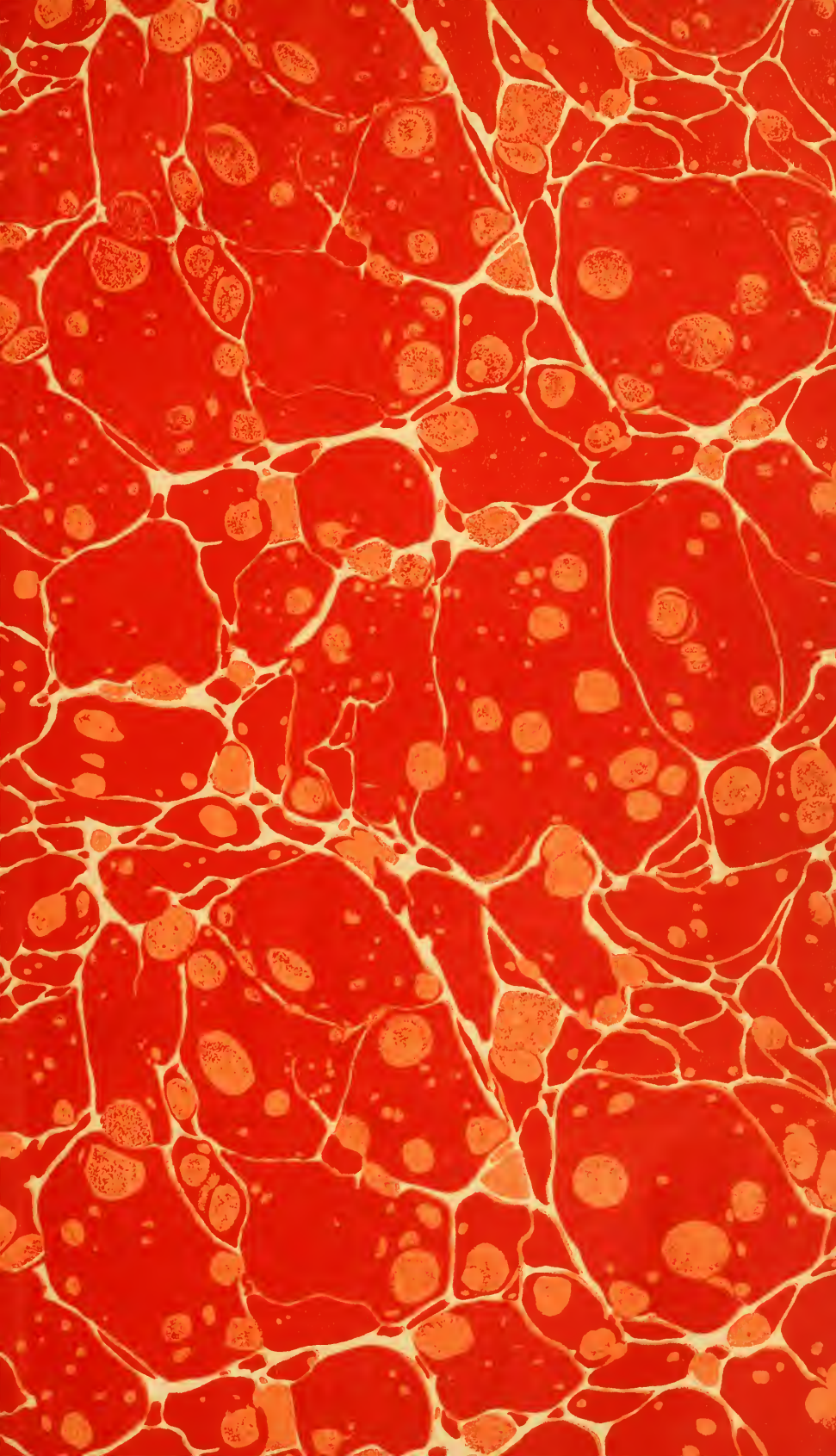
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**THE REVIEW
OF APPLIED
ENTOMOLOGY.**

**SERIES B: MEDICAL
AND VETERINARY.**

**INDEX TO VOLS. I-X.
(1913-1922).**

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FOREWORD.

A widespread demand for a ten years' index to the Medical Series of the "Review of Applied Entomology" has arisen, not only because it would enhance the value of the Review as a work of reference, but also because the numerous changes in synonymy during the period involved have resulted in the insects often being recorded under different names in different volumes.

Owing to the vast number of entries and the great expense of an index of this character, it has been found necessary to confine it to the Arthropod names only. For entries under the diseases and blood parasites, their vertebrate hosts, the countries in which they occur, etc., the reader is referred to the annual indices published with each volume.

The general arrangement of the index is identical with that of the annual indices except that in the case of the list of authors reference is restricted to those whose papers have been actually abstracted, casual mention of authors in the text being omitted.

In the case of scientific names the page reference is cited only under the heading of the generic name.

When an alternative name is printed in brackets, it signifies that it is not the one here adopted, but in the case of certain mosquitos the valid sub-generic name, which in the view of some authors should have the status of a genus, is distinguished by an asterisk.

INDEX OF AUTHORS.

- Abbatucci, S., X. 102.
 Abbott, W. S., VI. 240, VII. 153,
 VIII. 13, IX. 110.
 Abrami, P., VI. 36, VIII. 108.
 à Court, A. W. H., VI. 111.
 Acton, W. H., VII. 102.
 Adams, H. A., VI. 164.
 Addison, J. B., III. 190.
 Adelman, E., VIII. 45.
 Aders, W. M., III. 48, 49, V.
 147, VI. 46, 123, VIII. 112.
 Adie, H. A., I. 142, IX. 209, X.
 72, 197.
 Adler, S., X. 126.
 Adrien, C., VI. 217.
 Afonso, P. C., X. 67.
 Agir, V. 15.
 Agnoletti, G., VIII. 98.
 Akin, C. V., III. 48.
 Akinschin, T., II. 118.
 Akula, T. G., I. 143.
 Alary, A., V. 36.
 Alcock, A., I. 6, 131, II. 6, 186,
 III. 129.
 Alcock, W. B., VI. 43.
 Aldigé, E., IX. 58.
 Aldrich, J. M., III. 166.
 Alessandrini, G., IV. 83, V. 71,
 VIII. 44.
 Alexander, D., VI. 47.
 Alfieri, A., IX. 164.
 Allen, A. H., X. 108.
 Allen, J. A., VII. 54, X. 139.
 Almeida, Jr., T. de, VIII. 3.
 Almeida Cunha, R. de, III. 82,
 IV. 83.
 Altson, A. M., VIII. 218.
 Alvares, M. G. de A., IV. 48.
 Ameuille, VII. 79.
 Anderson, A. G., X. 8.
 Anderson, T. J., II. 37, V. 31, X.
 11.
 Andres, VIII. 123.
 Anfreville, L. d', IV. 16, 40, 85,
 VI. 12.
 Annandale, N., IV. 118.
 Anson, B. J., X. 177.
 Anthony, A. L., VIII. 91.
 Antoine, I. 101.
 Apsit, J. G., III. 136.
 Aragão, H. de Beaupaire, V. 190,
 VIII. 172, IX. 122, X. 159.
 Araujo, H. C. de Souza, VIII. 25.
 Archibald, R. G., III. 28, V. 179,
 VII. 99, X. 234.
 Arenberg, Prince P. d', VI. 17.
 Arias, G. J. M., X. 173.
 Arkell, T. R., V. 118.
 Arkwright, J. A., VI. 237, VII.
 146, IX. 96.
 Armand-Delille, P., V. 98, 159,
 VI. 36.
 Arnold, W. J. J., II. 67.
 Arrow, G. J., VIII. 215.
 Artega, J. F., IX. 122.
 Aruch, E., X. 211.
 Arzt, L., V. 145.
 Ashworth, J. H., IV. 87.
 Athanassof, N., VIII. 85.
 Athias, G., VIII. 16.
 Atkin, E. E., V. 155, IX. 96.
 Atkins, W. R. G., X. 35.
 Atkinson, E. L., IV. 91.
 Atsatt, R. F., VI. 183.
 Austen, E. E., I. 29, 35, 66, II.
 51, 52, 84, 96, 140, III. 88,
 VIII. 51, 110, 175, 177, 208,
 IX. 140, 194, X. 105, 143, 189,
 208.
 Averfeld, H. Stadtmann-, IX. 186.
 Avery, L., VIII. 36.
 Awati, P. R., III. 211, IV. 74,
 172, VI. 1, 131, VIII. 159, 160,
 IX. 103, 105, 210, X. 231.
 Ayyar, T. V. Ramakrishna, VI.
 22, IX. 79.
 Babault, G., X. 52.
 Babcock, O. G., IX. 182.
 Baber, E., VII. 5.
 Bachmann, A., X. 13, 23.

- Bacot, A. W., II. 60, 61, 62, 131, 135, III. 9, 44, 63, IV. 57, 161, 192, V. 24, 69, 74, 90, 153, 155, VI. 108, 132, 237, VII. 32, 50, 72, 146, VIII. 3, 4, 22, 33, IX. 64, 96, X. 31.
- Baerg, W. J., X. 190.
- Baerthlein, K., V. 43.
- Bagnall, R. S., X. 71.
- Bagshawe, A. G., II. 140.
- Bagué, J., IX. 140, X. 69.
- Bahr, P. H., II. 66, 130, III. 76, VI. 176. [Subsequently Manson-Bahr, P., *q. v.*]
- Bais, W. J., X. 5.
- Baker, A. W., III. 186, V. 187, VII. 21.
- Balard, G., X. 147.
- Baldrey, F. S. H., I. 22.
- Balfour, A., I. 126, 166, III. 45, 69, IV. 142, 150, 179, VIII. 124, IX. 127, 133, X. 94, 106, 225.
- Ballowe, H. L., VII. 8.
- Bancroft, M. J., VII. 112, VIII. 174, 189, X. 14, 15.
- Bandermann, F., II. 146.
- Bang, B., VII. 172.
- Bang, H., IX. 67.
- Banks, C. S., III. 91, VII. 193, VIII. 94.
- Banks, N., IV. 96.
- Banus, M. Garcia, IX. 76.
- Barbará, B., VII. 11, 139.
- Barber, G. W., VIII. 35.
- Barber, L. B., III. 92, IV. 191, V. 184.
- Barber, M. A., I. 113, II. 126, III. 65, 213, VI. 124, X. 65.
- Barbieri, A., VII. 180, VIII. 77, 130, IX. 34, X. 43.
- Barclay, A. H., II. 198.
- Bardelli, P., VII. 131, X. 201.
- Barge, J., IX. 164.
- Barker, C. N., VII. 11.
- Barlow, J., I. 67.
- Barney, R. L., X. 177.
- Barraud, P. J., VIII. 111, IX. 98.
- Barret, H. P., IV. 61, 136, VII. 22, 106.
- Barreto, A., X. 158.
- Bashford, E. F., VII. 94.
- Basile, C., I. 130, IV. 102, IX. 54.
- Bass, C. C., IX. 178, X. 130.
- Bass, R., VI. 57.
- Bassett-Smith, Sir P. W., VII. 109, IX. 108.
- Bassewitz, E. von, VIII. 102, IX. 130.
- Bates, L. B., IX. 198, X. 173.
- Bates, L. I., VII. 74.
- Battaglia, M. I., VII. 139.
- Bau, A., IX. 19, X. 226.
- Bauché, J., I. 57, II. 41.
- Baudet, E. A. R. F., VII. 39.
- Baumgarten, A., VI. 55.
- Baury, A., X. 96, 175, 188.
- Baylis, H. A., VII. 154.
- Bayon, H., III. 120.
- Beach, T. B., I. 79.
- Beach, W. H., V. 7.
- Beal, W. P. B., I. 19, II. 48, III. 18, IV. 12, IX. 100.
- Beard, J., X. 110.
- Beaulieu, G., III. 155.
- Beaurepaire Aragão, H. de, V. 190, VIII. 172, IX. 122, X. 159.
- Beck, M., I. 76, II. 87.
- Becker, T., X. 110.
- Beckwith, C. S., V. 141, VII. 24, IX. 186, 187, X. 111.
- Bedford, G. A. H., I. 139, IV. 186, 189, VI. 32, VIII. 7, 9, 167, 204.
- Béguet, M., VII. 30, X. 39.
- Behn, P., VIII. 193.
- Belai, A., X. 178.
- Belitzer, A. V., II. 98.
- Bell, Sir E. Hesketh, III. 97.
- Bell, H. D., IX. 56.
- Belli, C. M., V. 86.
- Bellile, P., I. 189.
- Beloglazov, G. I., II. 98.
- Benczúr, J. von, V. 111.
- Bengtson, I. A., X. 110.
- Bennett, D. H., IX. 182, 183.
- Bentley, C. A., II. 195, VI. 196, X. 223.
- Benzler, J., VI. 56.
- Bequaert, J., I. 36, 91, 93, 94, 100, 120, 140, 141, 220, III. 198, 199, IV. 16, 40, 138, V. 49, VI. 107, VII. 117, VIII. 17, 108, IX. 43, X. 180.
- Beresoff, W. F., II. 174.
- Bergevin, E. de., IV. 139.
- Bergmann, A., X. 40.
- Berlese, A., I. 68, V. 160.
- Bernard, P. N., I. 57, II. 41.
- Bernardini, L., VIII. 137.
- Bernier y Lan, III. 51.
- Bernstein, J. M., III. 89.

- Bertarelli, E., IV. 153, IX. 59.
 Bertolio, S., IV. 152.
 Berton, V. 77.
 Bertrand, G., VII. 182, 184, VIII. 76.
 Berry, A. H., I. 81.
 Bevan, L. E. W., III. 19, 211, IV. 46, V. 105, VI. 133, 134, VIII. 79, 129, 137, 199.
 Beyer, H. G., IV. 135.
 Beyro, A. F., V. 169.
 Bezzi, M., II. 101, III. 136, IV. 156, IX. 76, X. 139.
 Bimbo, P., V. 28.
 Birt, C., I. 206, III. 166.
 Bishop, W. A., IV. 105.
 Bishopp, F. C., I. 96, 101, 115, 160, III. 92, 159, 174, IV. 1, 4, 34, 181, V. 92, VI. 14, 88, 89, 121, VII. 121, VIII. 70, 84, 162, 189, IX. 158, 194, 203, X. 83, 122, 162.
 Bisset, E., II. 194.
 Blacklock, B., I. 61, 63, 67, II. 126, 131, III. 177, 178, 179, VII. 160, VIII. 96, 156, IX. 23, 118, X. 62, 126.
 Blackshaw, G. N., IX. 119.
 Blaizot, L., I. 70, 74.
 Blanc, G., II. 132, III. 26, 59, IV. 63, 121, V. 113, VI. 27, 34, 158, 159, 198, 203, VII. 58, 145, VIII. 181, IX. 49, 81, 94.
 Blanchard, C., VI. 206.
 Blanchard, M., II. 79, X. 185.
 Blanchard, R., I. 187, 191, VI. 23, 203.
 Blanco Ledesma, D. A., VI. 51.
 Blau, P., VI. 135, 215.
 Bodet, VII. 28, VIII. 212.
 Bodkin, G. E., III. 157, V. 4, 57, VI. 18, 177, VII. 71, 129, 179, IX. 2, X. 33, 54, 217.
 Bogdanova-Katkova, L. I., IX. 115.
 Böing, W., II. 169, IV. 58.
 Bolshakov, A., III. 114.
 Bolt, R. A., III. 113.
 Bonain, VII. 125.
 Bondar, G., IX. 112.
 Bonilla, A., X. 69.
 Bonnard, VI. 34.
 Bonne, C., VII. 6, VIII. 32, 59, IX. 31, 72, 88, X. 76, 96.
 Bonne-Wepster, J., VIII. 32, 59, IX. 31, 72, 88, X. 76, 96.
 Boone, R. C. P., X. 220.
 Bora, E., IX. 143.
 Bornand, M., VIII. 207.
 Borthwick, J. D., VI. 167.
 Bose, S. C., X. 205.
 Bostin, S. L., V. 180.
 Both, G., IX. 67.
 Bouet, G., I. 38, 52, II. 77, III. 199, IV. 84, 101, V. 38, 50.
 Bouffard, G., VI. 202, VII. 144.
 Bouilliez, M., III. 29, IV. 84, IX. 89.
 Bouilov, V., II. 97.
 Bourcart, J., VIII. 20.
 Bouron, A., X. 172.
 Bousfield, L., VII. 111.
 Bouvier, J. E., VI. 71.
 Boyd, J. E. M., IX. 16, X. 86, 142, 165.
 Boyé, G., VII. 67.
 Boynton, W. H., VI. 10.
 Brack, VI. 192.
 Bradford, Sir J. R., VII. 94.
 Bradley, B., IV. 196, VI. 111, 213, VII. 61, 187, IX. 127.
 Brain, C. K., I. 22, 142, VI. 185, VII. 133.
 Branden, F. Van den, I. 36, 120, 140, IV. 101, VI. 11, 34, VIII. 17, 24, X. 146.
 Brandt, F. R., VI. 68, VII. 182, VIII. 180.
 Brandford, R., VIII. 50.
 Bras de Sá, J. L., IX. 6.
 Braun, V. 30.
 Breemen, M. L. van, VI. 53, VII. 96, IX. 36.
 Brehme, H. H., I. 118.
 Breijer, H. G., III. 222.
 Breinl, A., I. 9, III. 24, 153, VI. 223, IX. 76.
 Bresslau, E., VI. 211, VIII. 120, IX. 213.
 Brèthes, J., VII. 32, 181, VIII. 61, IX. 5, X. 136, 171.
 Bridwell, J. C., VI. 163.
 Brimley, C. S., X. 228.
 Britten, H., IX. 47.
 Britton, W. E., I. 39, 94, II. 49, 99, 158, V. 73, 104.
 Brockman, R. E. Drake-, I. 116, II. 7, 8, III. 72, 150, 229.
 Brocq-Rousseau, VII. 182, VIII. 76.
 Brodersen, L., VIII. 82.

- Brolemann, H. W., VII. 140, VIII. 76, IX. 38.
 Brook, G. R., VII. 64.
 Brooke, G. E., III. 189.
 Brooks, R. St. J., V. 151.
 Brown, W. G., I. 104, V. 78, 94, VII. 114, VIII. 75.
 Bruce, Sir D., I. 99, 100, 133, II. 119, 156, 185, 186, 188, III. 170, V. 185.
 Bruce, E. A., VI. 44, VII. 43, X. 198, 199.
 Brues, C. T., I. 16, II. 8, VIII. 14, IX. 169, X. 54.
 Brug, S. L., IX. 8, X. 51, 172, 179, 211.
 Brulé, M., VI. 4.
 Brumpt, E., I. 122, 123, 188, II. 52, 87, III. 56, VI. 113, VII. 160, VIII. 41, 66, 67, 165, 185, IX. 173, X. 218.
 Brunetti, E., II. 100, VII. 129, VIII. 30, IX. 57.
 Brünnich, J. C., III. 191.
 Brunton, J. Dunbar-, I. 157.
 Bruyant, L., I. 120.
 Buchanan, R. M., IV. 45.
 Buchholtz, M., VII. 123.
 Buchner, P., X. 224.
 Buck, J. E., III. 165.
 Buckeridge, G. L., VI. 180.
 Buckland, J., IV. 2.
 Buen, F. de, X. 174.
 Buen, S. de, V. 126, VI. 49, VII. 78, X. 174.
 Bull, L. B., VII. 62, VIII. 51.
 Burnett, J. E., VII. 37.
 Burton-Brown, G., IV. 141.
 Buschkiel, M., X. 212.
 Busck, A., III. 30.
 Bushnell, L. D., VII. 169.
 Bussière, F., VI. 200.
 Butler, C. S., VI. 49.
 Butler, W. J., IX. 63.
 Buttrick, P. L., I. 226, IV. 95.
 Buxton, P. A., VIII. 69, 134, IX. 54, 127, 148, X. 209.
 Buysson, H. du, IX. 154, X. 217.
 Byam, W., VI. 225, VIII. 10, 70.
 Byrd, H., III. 32.
 Caballero, A., VIII. 61, X. 108, 136, 221.
 Cadet, G., V. 50.
 Caesar, L., VII. 194.
 Caffrey, D. J., VI. 230.
 Caille, E., VI. 140.
 Caillon, L., VII. 153.
 Calderon, H., IV. 69.
 Calvert, P. P., VI. 80.
 Cameron, A. E., V. 119, 170, VI. 178, VII. 28, 55, 58, X. 181.
 Caminopetros, J., IX. 81.
 Campbell, A. W., VI. 111, VII. 187.
 Campbell, C. A. R., I. 176.
 Campion, H., IX. 175.
 Campos, M. de, V. 65.
 Canalis, P., IV. 94.
 Cantacuzène, J., VII. 158, VIII. 146.
 Carbonell, M. V., IX. 198.
 Cardamatis, J. P., VI. 206, VII. 141.
 Carini, A., II. 124, 125, IV. 59.
 Carment, A. G., VI. 46, X. 169.
 Carnegie Dickson, W. E., IX. 70.
 Carpano, M., IV. 14, VII. 52, X. 185.
 Carpenter, G. D. H., II. 30, VIII. 99.
 Carpenter, G. H., II. 185, III. 19, 22, V. 163, VI. 139, IX. 22, 189, X. 163.
 Carrante, V., X. 6.
 Carroll, J. H., VI. 225, VIII. 10.
 Carroll, M., IX. 187, 188, X. 110.
 Carter, H. F., I. 7, 67, II. 45, III. 121, IV. 109, VII. 80, 160, VIII. 96, 97, 156, IX. 23, 25, 56, 76, 95, 118, 132, 201.
 Carter, H. R., III. 78, 189, IV. 109, 180, V. 100, 135, VI. 154, 168, VII. 178, VIII. 95, 125, IX. 71, X. 130.
 Casaux, J., II. 170.
 Cassamagnaghi, A., IX. 157.
 Cassidy, L., VI. 116.
 Castellani, A., I. 15, IV. 7, V. 188.
 Castillo, E. del, VIII. 52.
 Castro, R. de, VIII. 31.
 Catanei, A., X. 112.
 Caullery, M., X. 161.
 Celebrini, E. von, II. 97.
 Celli, A., I. 199, III. 1.
 Certain, B., VI. 82.
 Chagas, C., V. 190, 191, VII. 141.
 Chalmers, A. J., I. 232, II. 187, VI. 194, VII. 6, VIII. 190.
 Chamberlain, R. V., IX. 40.
 Chambers, F., II. 177, VI. 119, X. 4.

- Champetier, VII. 167.
 Chanal, L., IX. 205.
 Chand, K., III. 211, IV. 124.
 Chandler, A. C., VI. 113, 186.
 Chandler, S. C., VIII. 178, IX. 88, X. 93.
 Chandler, W. L., VII. 162.
 Chapin, E. A., VII. 121, IX. 95.
 Chapin, R. M., II. 145, III. 35, 76, IV. 3, V. 116, VIII. 72, 166.
 Charleman, E., III. 183.
 Charmoy, D. d'E. de, III. 53, 221, VII. 134.
 Chatton, E., I. 121, IV. 63, 121, VI. 27, 130, 141, 158, 159, 200, 203, VII. 58, 145, IX. 120.
 Cheetham, C. A., IX. 5, 28.
 Cheireddin, IX. 113.
 Chesney, L. M., V. 31.
 Chidester, F. E., IV. 123, V. 103, 104, VI. 68, VIII. 94.
 Chiriboga, J. M., VIII. 78.
 Chitre, G. D., IX. 158.
 Chittenden, F. H., II. 72, III. 135.
 Cholet, VI. 42.
 Chrétien, A., IX. 129.
 Christophers, S. R., I. 51, 128, III. 211, IV. 23, 24, 74, 124, 172, IX. 13, 159, 160, X. 72, 78, 231.
 Christy, C., V. 181, VI. 84.
 Chubb, E. C., IV. 121.
 Chun, J. W. H., IV. 101.
 Churchill, J. H., VI. 225, VIII. 10.
 Ciavaldini, J., VI. 211.
 Cimatti, V., IX. 39.
 Citröen, S., VI. 214.
 Clapier, P., V. 96, VIII. 18, IX. 59, 180.
 Clare, H. L., III. 84, IV. 69, V. 17.
 Clark, G. H., V. 153.
 Clark, H. C., VII. 166.
 Clark, P. F., I. 17.
 Clark, W. S., II. 135.
 Clarke, J. T., VIII. 75, IX. 38, X. 119.
 Clayton, T. A., VI. 43.
 Cleare, L. D., Jr., V. 4, VI. 209, VII. 134, VIII. 190.
 Clegg, T., VI. 117.
 Cleland, J. B., I. 26, III. 206, 207, IV. 110, 181, 196, V. 110, VI. 111, 213, VII. 15, 61, 81, 175, 187, IX. 127, X. 167.
 Cleveland, R. A., VI. 47.
 Clinton, H. F., VIII. 164.
 Coad, B. R., I. 198.
 Coates, G. M., III. 35.
 Coates, W. H., IX. 113.
 Cockerell, T. D. A., II. 93, VI. 146, 223, 228.
 Cockle, J. W., V. 34.
 Codina, A., X. 112.
 Cogan, E. S., VI. 133.
 Coghill, H. S., IV. 66, V. 39, VI. 225.
 Cohen, L., IX. 10.
 Cole, F. R., X. 175.
 Coleman, L. V., V. 152.
 Coles, A. C., VII. 70.
 Collignon, IX. 7.
 Cominotti, L., VII. 126.
 Connal, A., IV. 66, V. 39, VI. 225, IX. 119, X. 42, 184.
 Connal, S. L. M., X. 42, 184.
 Connal, S. Summers-, III. 12.
 Connor, M. E., IX. 6, 128, X. 3, 177.
 Connor, R. C., VIII. 196.
 Conseil, E., I. 70, 74, III. 26, 59.
 Converse, G. M., III. 25.
 Cook, F. C., II. 178, III. 192, V. 8.
 Cooley, R. A., I. 95, II. 138, III. 85, 95, V. 41, VI. 64, 95, VII. 81, IX. 203, X. 123.
 Cooling, L. E., X. 204.
 Cooper, E. A., VI. 83.
 Cooper, H., IV. 192, VIII. 131.
 Cooper, W. F., I. 133, III. 180, 218.
 Copeman, S. M., III. 80, 88, IV. 141, V. 149.
 Coppens, I. 159.
 Corbett, H. H., III. 143.
 Cordier, E., VII. 29, 41, 59.
 Corfield, W. F., VIII. 20.
 Corlette, C. E., IV. 135, V. 61.
 Cornwall, J. W., III. 42, IV. 124, 174, V. 124, VI. 1, 207, X. 73.
 Corsini, A., V. 144.
 Corson, J. F., V. 45.
 Cort, W. W., VI. 209.
 Cory, A. H., III. 87.
 Cory, E. N., V. 73, VII. 10.
 Costa, B. F. B. da, II. 13, 121, IV. 48.
 Costa Lima, A. da, II. 107, IV. 39, 61, 137, 177, IX. 136, X. 93.
 Cot, VI. 72.
 Cotterell, G. S., IX. 57.

- Cotton, E. C., IV. 2.
 Councilman, W. T., VII. 131.
 Courier, R., IX. 120.
 Court, A. W. H. à, VI. 111.
 Cousins, H. H., II. 18, IV. 160.
 Coutant, A. F., IV. 78.
 Couvy, L., I. 33, 215.
 Coventry, B., I. 224.
 Cowan, J., VII. 101.
 Cox, F., X. 4.
 Cox, F. E., V. 162.
 Cragg, F. W., I. 80, 209, 210, 229,
 III. 70, VI. 131, VIII. 162, IX.
 103, 125, 210, X. 72, 142, 196,
 205.
 Craig, C. F., III. 35, V. 127, IX.
 128, 179.
 Craighead, E. M., X. 84.
 Crawley, H., IV. 64, X. 182.
 Creel, R. H., III. 179, IV. 25, 76,
 86, 155, 175, VI. 153.
 Crespin, J., VIII. 16.
 Cresson, E. T., Jr., VIII. 84.
 Criddle, N., I. 185.
 Crimi, P., VIII. 153, IX. 112.
 Croll, D. G., VII. 79.
 Cross, H. E., V. 82, VI. 109, X.
 63, 223.
 Crosse, W., IV. 148.
 Croveri, P., VII. 158, 189.
 Cruikshank, J. A., II. 154.
 Crumb, S. E., VI. 67, X. 83, 134.
 Cuenod, A., IX. 94.
 Cugurra, A., V. 65.
 Cumming, J. G., V. 91, 170, VI.
 171.
 Cumpston, J. H. L., IV. 59.
 Cunha, R. de Almeida, III. 82, IV.
 83.
 Cunliffe, N., I. 156, II. 50, X. 25,
 139.
 Cunningham, R. A., VI. 209, VII.
 34.
 Curasson, M. G., VII. 156, 157,
 X. 158, 159.
 Curlewis, A. W., IV. 179, V. 48,
 VI. 41, VII. 174.
 Curwen, H., VI. 122.
 Cushing, G. J. H., IX. 287.
 da Costa, B. F. B., II. 13, 121, IV.
 48.
 da Costa Lima, A., II. 107, IV.
 39, 61, 137, 177, IX. 136, X. 93.
 da Fonseca, O., VIII. 25.
 Dahlgrün, V. 120.
 Dale, J., X. 198.
 Dalton, J., VIII. 199.
 Dalziel, J. M., IV. 149, 150, IX.
 41.
 da Matta, A., VIII. 41, IX. 7, X.
 156.
 Dammerman, K. W., X. 111.
 d'Anfreville, L., IV. 16, 40, 85, VI.
 12.
 Danou, B., II. 57.
 d'Arenberg, Prince P., VI. 17.
 Darling, S. T., II. 9, VII. 141, IX.
 130.
 Darnall, W. E., VIII. 64.
 da Rocha Lima, H., V. 100, 110,
 VI. 58.
 Dartigolles, R., X. 187.
 da Silva, P., II. 176, IV. 49.
 Dassonville, VII. 182, 184.
 Davel, D., IX. 157.
 Davey, J. B., I. 99, 100, X. 62.
 Davidson, J., I. 104, VI. 100.
 Davies, D. S., V. 179.
 Davies, F. C., VI. 85.
 Davies, L. W., IX. 195.
 Davizé, G., V. 152.
 Dawe, M. T., V. 176, X. 169.
 de Almeida, T., Jr., VIII. 3.
 de Almeida Cunha, R., III. 82,
 IV. 83.
 Debaisieux, P., IX. 79.
 de Beaurepaire Aragão, H., V.
 190, VIII. 172, IX. 122, X. 159.
 Debreuil, G., V. 175.
 de Bergevin, E., IV. 139.
 de Buen, F., X. 174.
 de Buen, S., V. 126, VI. 49, VII.
 78, X. 174.
 de Campos, M., V. 65.
 de Castro, R., VIII. 31.
 de Charmoy, D. d'E., III. 53, 221,
 VII. 134.
 de Faria, G., I. 175.
 Defiel, F., X. 173.
 de Figueiredo Parreiras Horta, P.,
 VII. 66.
 Degouillon, VIII. 183, IX. 120.
 de Goyon, J., II. 171, VI. 71, VII.
 137.
 de Graaf, J. M. H. Swellengrebel,
 VII. 97, 98, 183, VIII. 53, 123,
 136, 152, 162, 176, 218, IX. 3, 4.
 de Greef, G., VIII. 147.
 de Jongh, J. R., I. 40, III. 224.
 de Kock, G. v. d. W., VIII. 8.
 Delamare, G., VI. 198.

- Delanoë, P., V. 35, 156, VIII. 80,
 IX. 150, X. 101, 187, 188.
 del Castillo, E., VIII. 52.
 Delille, P. Armand-, V. 98, 159,
 VI. 36.
 del Guercio, G., II. 167.
 Delmege, J. A., VIII. 190.
 del Ponte, E., IX. 78, 197.
 de Meijere, J. C. H., III. 155.
 de Mello, F., II. 191, III. 211, IX.
 129, X. 67, 210.
 de Meza, J., VII. 47, VIII. 33, 70.
 d'Emmerez de Charmoy, D., III.
 53, 221, VII. 134.
 Dennys, G. W. P., VI. 219.
 Denzer, B. S., VI. 213.
 de Peyerimhoff, P., VI. 37.
 de Raadt, O. L. E., IV. 127, 128,
 130, VI. 53, 193, VIII. 71.
 Derivaux, R. C., IV. 137, VI. 136,
 228, VII. 7.
 de Rook, H., X. 172, 179.
 de Sá, J. L. Bras, IX. 6.
 de Salles Gomes, F., VIII. 52.
 Descazeaux, J., IV. 165, V. 16,
 VII. 166, X. 12, 202, 219.
 Desoil, P., VIII. 221.
 de Sousa, J., X. 210.
 de Souza Araujo, H. C., VIII. 25.
 de Stefani, T., III. 152, IX. 46,
 112, 121.
 Deszmirovics, K., V. 182.
 de Vasconcellos, A., VIII. 187.
 de Verteuil, E., X. 221.
 de Vogel, W. T., IV. 130.
 Dexler, G., VI. 81.
 Dible, J. H., IV. 20.
 Dickinson, C. G., VI. 27, VII. 46.
 Dickson, W. E. Carnegie, IX. 70.
 di Domizio, G., VII. 125, 126, IX.
 180.
 Diffloth, P., IX. 166, X. 210.
 Diguët, L., IV. 9.
 Dijkman, C. D., VIII. 203.
 Dimond, L., VI. 225, VIII. 10.
 Dine, D. L. Van, III. 80, X. 46.
 Dios, R. L., V. 163, VII. 11.
 di Pace, I., V. 63, VI. 115, X.
 174.
 Ditlevsen, C., VIII. 149.
 Dixon, W. R., II. 163.
 Doane, R. W., I. 222, II. 82, VIII.
 104.
 Dodd, A. P., IX. 65.
 Dodd, S., VII. 15, IX. 139, X. 57.
 Doflein, F., VI. 191, VII. 78.
 Dohanian, S. M., VIII. 186.
 Dollfus, R. P., IX. 132.
 Dollman, H. C., IV. 122.
 Domizio, G. di, VII. 125, 126, IX.
 180.
 Donatien, A., VIII. 182, 183, 185,
 X. 39, 71, 108, 166, 187, 218,
 236.
 Donovan, C., I. 208, IX. 14.
 Doré, A. B., VII. 47.
 D'Ormea, G., VIII. 2.
 Dos Santos, A. C., IV. 48.
 Doten, S. B., VII. 20, 142, IX.
 38.
 Doty, A. H., III. 175.
 Douville, V. 128.
 Dove, W. E., III. 92, V. 29, VI.
 150.
 Drake-Brockman, R. E., I. 116,
 II. 7, 8, III. 72, 150, 229.
 Dry, F. W., X. 16, 127.
 Dublet, IX. 81.
 Dubois, A., V. 100.
 Dubois, R., X. 225.
 Dubreuil, Jouveau-, VIII. 81.
 du Buysson, H., IX. 154, X. 217.
 Duchamp, J. C., VI. 35.
 Dudley, J. E., Jr., VI. 240.
 Duckett, A. B., IV. 96.
 Dudgeon, L. S., VII. 102.
 Duke, H. L., I. 125, II. 32, III.
 75, V. 19, VII. 100, VIII. 10,
 23, IX. 134, X. 26.
 Duncan, F. M., VI. 237, VII. 146,
 IX. 196.
 Duncan, J. L., III. 24.
 Duncan, M., VIII. 198.
 Dunbar-Brunton, J., I. 157.
 Dunderdale, G., X. 94.
 Dunley-Owen, A., VII. 7.
 Dunlop, J. L., VIII. 69.
 Dunn, L. H., III. 134, V. 34, VI.
 148, VII. 3, 10, 21, 44, VIII.
 196, IX. 198, X. 24.
 Dupont, P. R., IX. 189.
 Dutcher, R. A., VIII. 204.
 Du Toit, P. J., V. 121, VIII. 45,
 46, 151, 191.
 Dutt, B. N., X. 128.
 Dyar, H. G., I. 164, II. 97, IV.
 159, 160, V. 5, 82, VI. 7, 8, 9,
 48, 86, 87, 88, 89, 142, VII. 22,
 25, 105, 107, 196, VIII. 32, 33,
 59, 101, 102, IX. 9, 50, 51, 72,
 73, 87, 88, 113, 206, 207, X. 19,
 55, 95, 96, 130, 131, 178, 184.

- Ealand, C. A., III. 86, IV. 183, VII. 42.
 Eastwood, T., V. 154.
 Ebert, B., III. 151.
 Ebert, E. C., VII. 75.
 Eckard, B., I. 118, II. 11.
 Eckstein, F., VII. 69, 173, VIII. 27, 28, 171, IX. 19, 29, 39, 68, X. 128, 192.
 Edmonds, C. R., III. 19.
 Edwards, C. W., II. 59, VIII. 74.
 Edwards, F. W., I. 35, II. 26, 81, 95, 100, III. 10, 115, 140, IV. 64, 120, V. 2, 52, VII. 103, 164, VIII. 48, 137, 156, 208, IX. 41, 52, 133, 195, X. 17, 34, 87, 153, 179, 197, 208, 229.
 Eeckhout, M. A. Van den, VII. 136.
 Eisner, G., VIII. 195.
 Elkington, J. S. C., III. 208.
 Ellacombe, G. W., III. 107.
 Ellenberger, W. P., VIII. 72.
 Eltringham, H., IV. 108.
 Emerson, C. A., VIII. 194.
 Enderlein, G., IX. 67, 104, 184, X. 226.
 Engel, E. O., IX. 20.
 Engeland, O., II. 1.
 Engelberting, IX. 3.
 Engelhardt, V. M., IV. 50.
 Enslin, B. G. L., I. 85, VI. 167.
 Ermolov, A. S., II. 108.
 Es, L. Van, VI. 209, VII. 28.
 Escherich, K., VIII. 120.
 Escomel, E., VI. 51, VIII. 42, 65.
 Espinosa-Tamayo, L., VI. 192.
 Eugling, M., V. 144, X. 88.
 Evans, A. M., VII. 132, IX. 119, 202, X. 62, 125, 183, 234.
 Evans, A. T., IV. 147.
 Evans, F. D., II. 99.
 Evans, W., VIII. 70, X. 77.
 Ewing, H. E., II. 6, 44, III. 128, VI. 146, VII. 25, VIII. 35, 180, IX. 51, 79, X. 116.
 Eysell, A., II. 2, III. 227, VIII. 74.
 Ezdorf, R. H. von, II. 161, 162, IV. 77.
 Facer, A. W., V. 108, VIII. 155.
 Faget, F. M., IV. 155.
 Fahrenholz, H., IX. 19.
 Falcioni, D., IX. 123.
 Falleroni, D., X. 115.
 Fantham, H. B., II. 44, 150, III. 68, 154, IV. 43, V. 22, VI. 48, 156, IX. 1.
 Faria, G. de, I. 175.
 Farrant, A. L., II. 109.
 Fauntleroy, C. M., IX. 163.
 Faure, J. C., II. 68.
 Favero, F., V. 27.
 Fayet, M., V. 18.
 Federici, E., IX. 142.
 Felt, E. P., II. 16, IV. 170, VI. 4, 95, 96.
 Ferguson, E. W., III. 207, IV. 41, 181, 182, VIII. 173, IX. 62, 113, 147, 169, X. 144, 169, 224.
 Fermi, C., V. 117, 181, VII. 6, IX. 23, 35.
 Fernald, H. T., X. 35.
 Fernandes, J., III. 96.
 Fernandez, S., IX. 216.
 Ferraro, G., V. 176, VII. 131, IX. 94.
 Ferrel, J. A., IX. 71.
 Ferrière, C., VIII. 102.
 Ferris, G. F., IV. 120, 176, 196, V. 29, VI. 157, VII. 195, VIII. 71, 99, 108, X. 11, 140, 175.
 Feytaud, J., VI. 177, 190, 197, VII. 122, 135, VIII. 211.
 Fiebiger, J., IX. 7.
 Fielding, J. W., VIII. 38.
 Figueiredo Parreiras Horta, P. de, VII. 66.
 Filippini, A., IV. 104, IX. 191.
 Findlay, W. F., X. 45.
 Fiorito, G., VI. 175.
 Fischer, J. C. H., VI. 173.
 Fisher, H. C., IX. 108.
 Fisher, L. M., VIII. 149.
 Fiske, W. F., I. 227, VIII. 131, X. 98.
 Fitch, C. P., VI. 169.
 Fitzgerald, J. C., III. 118.
 Flack, F. L., III. 47.
 Fleming, A. M., I. 182, II. 149, VI. 30.
 Fletcher, T. B., V. 38, VI. 62, VIII. 43, IX. 79, X. 66, 80.
 Florence, L., X. 176.
 Flu, P. C., V. 66, VII. 77, VIII. 202, IX. 174, X. 75, 94.
 Foley, H., II. 90, 91, 165, 198, 200, IV. 134, VI. 200, 201, IX. 108, X. 47, 48, 100, 220.
 Fonseca, O. da, VIII. 25.
 Fonyó, J., V. 144.

- Foot, K., VIII. 215, IX. 65.
 Forbes, J. G., VII. 54, VIII. 19.
 Ford, T. A., VIII. 79.
 Foreman, F. W., VI. 25.
 Foster, M. H., VII. 27.
 Foster, W. D., VII. 115.
 Foulerton, A. G. R., V. 171, VII. 192.
 Fowler, Sir J. K., IV. 150.
 Fowler, R., VII. 186.
 Fox, C., I. 158, III. 103.
 França, C., I. 73, VII. 30, VIII. 17, 20, 62, 216, IX. 21, 78, 149, 155, 170, X. 50, 121, 186.
 Francaviglia, M. C., III. 31, 32.
 Franchetti, A., X. 174.
 Franchini, G., I. 38, 134, 177, 187, II. 54, 89, 201, III. 110, 144, VII. 145, 158, 160, VIII. 41, 88, 154, 184, IX. 58, 106, 120, 136, 150, X. 52, 70, 99, 112, 121, 145, 171, 172, 186, 218.
 Francis, E., II. 202, VII. 188, VIII. 115, IX. 188, 189, X. 96, 97, 122.
 Francis, M., III. 91.
 Fränkel, S., III. 113.
 Fraser, A. D., IX. 40.
 Fraser, H., X. 13.
 Freeborn, S. B., V. 40, 142, 143, VI. 155, 183, VIII. 93, 130, IX. 66, X. 65.
 Frenais, H. M. La, IV. 124, IX. 161, 208, 209, X. 73.
 Frey, J. J., VII. 128.
 Frey, R., X. 165, 166.
 Frickhinger, H. W., V. 112, VIII. 134.
 Fricks, L. D., III. 61, 62, 180, IV. 77, V. 79, X. 29.
 Friederichs, K., VIII. 134, 215, IX. 36, 104, 106, 212.
 Friedman, G. A., VIII. 2.
 Friedmann, A., III. 203, IV. 83.
 Froggatt, J. L., III. 13, IV. 70, V. 163, VI. 74, VII. 100, 124, IX. 64.
 Froggatt, W. W., I. 18, II. 85, 94, III. 13, 14, 15, 17, 184, IV. 179, V. 6, 163, VI. 68, VII. 124, VIII. 52, 60, X. 55, 143, 144.
 Fry, A. B., X. 72.
 Fry, A. S., VIII. 72.
 Fullaway, D. T., V. 137, VIII. 172, X. 83.
 Fülleborn, F., VIII. 150, 151, 169, X. 128.
 Fuller, C., I. 153, II. 164.
 Furno, A., V. 91.
 Fuschini, C., IV. 14.
 Futaki, V. 187.
 Gabbi, U., III. 107, VI. 52, VII. 6.
 Gabert, A., VII. 127, X. 59.
 Gabriel, VII. 184.
 Gabrielides, A., X. 159.
 Gaiger, S. H., III. 120.
 Galaine, C., IV. 156.
 Galewsky, III. 183, 203.
 Gallagher, B. A., VII. 115, VIII. 204.
 Gallagher, G. H., III. 46, 53.
 Gallen, R. Le, VI. 11.
 Galli-Valerio, B., I. 40, II. 161, III. 224, 226, V. 42, VI. 52, 76, 172, VII. 125, X. 7, 8, 92, 172.
 Gambier, A., VI. 158, VII. 51, X. 172.
 Gamble, M., II. 117.
 Gampati Iyer, R., III. 72.
 Garcia Banus, M., IX. 76.
 Garden, G., IV. 19, 170.
 Garin, C., VI. 79.
 Garman, H., V. 167, VI. 210.
 Gaschen, H., IX. 154, 177, X. 121.
 Gaskell, T. K., IV. 121.
 Gáudara, G., X. 148.
 Gaver, F. van, II. 179.
 Gedoelst, L., II. 91, VII. 116, 170, VIII. 85, IX. 114, X. 111, 210.
 Geiger, J. C., VII. 74, VIII. 63, 64, IX. 131.
 Gellert, H. H., VIII. 224.
 Gendre, E., VII. 122, 135, VIII. 211.
 George, L., III. 83.
 Gerard, F., VIII. 97.
 Gérard, P., VIII. 76.
 Ghesquière, J., IX. 164.
 Ghosh, E., X. 139.
 Gibson, A., VII. 26.
 Giemsa, G., I. 75, II. 80.
 Gilchrist, J. D. F., II. 78.
 Gill, C. A., IV. 172, VI. 6, 195, VIII. 161, IX. 86, 127, 130, 162, X. 138.
 Gilruth, J. A., 183.
 Gioseffi, M., X. 174.

- Giovanoli, G., V. 32.
 Girault, A. A., II. 86, 88, IV. 122.
 Given, D. H. C., IV. 131, X. 235.
 Glaser, F., VI. 211, VIII. 28, 120.
 Gläser, H., II. 198, III. 103.
 Glaser, R. W., X. 162, 163.
 Gobert, A., VIII. 56.
 Gobert, E., I. 199.
 Godoy, A., X. 175.
 Goetghebuer, M., VIII. 212, 213, X. 141.
 Gofferje, M., VIII. 117.
 Goldberg, L., IX. 113.
 Göldi, E. A., I. 156, VII. 28.
 Goldschmidt, W., IX. 7.
 Goldsmid, J. A., IV. 148.
 Golino, O., X. 178.
 Gomes, F. de Salles, VIII. 52.
 Gomes, J. F., VII. 65.
 Gomilevsky, V., III. 22.
 Gonder, R., IV. 189.
 Gonzáles Rincones, R., V. 100.
 González, E., V. 65.
 González, R., VII. 174, X. 235.
 Gonzalez-Lugo, I. 188.
 Goodall, T. B., VI. 43.
 Goodwin, T. H., VI. 4.
 Gorgas, W. C., I. 7, III. 18, IX. 71.
 Gorkom, W. J. van, VII. 39.
 Gordon, P. R., III. 87.
 Gordon, R. M., IX. 201, X. 233, 234.
 Gough, L. H., III. 10, VI. 30.
 Gouillon, P., IX. 170.
 Goyon, J. de, II. 171, VI. 71, VII. 137.
 Graaf, J. M. H. Swellengrebel de, VII. 97, 98, 183, VIII. 53, 123, 136, 152, 162, 176, 218, IX. 3, 4.
 Grabham, M., IX. 31.
 Graham, G. F., III. 167.
 Graham, W. A., III. 185.
 Graham-Smith, G. S., II. 19, 166, IV. 143, VI. 25, VII. 71, VIII. 22.
 Grall, C., V. 97.
 Grandérath, F., X. 179.
 Grant, J. T., VII. 50.
 Grassi, B., VII. 156, IX. 142, 167, 199, 200, X. 32, 202.
 Gray, C. E., III. 132, V. 185.
 Gray, C. P., VI. 5.
 Gray, D. T., VII. 87.
 Gray, H. F., VIII. 64.
 Graybill, H. W., I. 117, III. 37.
 Greef, G. de, VIII. 147.
 Green, D. M., IX. 110.
 Green, H. H., IV. 187, 189, VIII. 6, 7, 203.
 Greening, W. R., V. 137.
 Greenwood, W., X. 76.
 Greggio, G., V. 95, 114, 189.
 Greggio, J., VII. 141.
 Greig, D. M., X. 162.
 Greschik, E., IX. 20.
 Griffiths, J. A., II. 155, III. 119, VI. 206.
 Griffiths, T. H. D., IV. 160, V. 100, 134, VII. 130, IX. 138.
 Grimshaw, P. H., IV. 102, V. 70.
 Grixoni, G., IV. 153.
 Gros, H., VI. 205, VII. 84.
 Grossbeck, J. A., I. 98.
 Grove, A. J., VIII. 125.
 Grubbs, S. B., VI. 20.
 Grünberg, K., II. 6.
 Guardasoni, M., III. 76.
 Guell, A. R., I. 159.
 Guénaux, G., II. 29.
 Guenther, K., II. 43.
 Guercio, G. del, II. 167.
 Guiart, J., X. 159.
 Guimaraes, A., X. 210.
 Guitel, F., VI. 167, VII. 165.
 Guiteras, G. M., I. 7, III. 64.
 Guiteras, J., VI. 29.
 Gunasekara, S. T., VIII. 50.
 Gunn, J. A., V. 91.
 Gupta, B. M. D., X. 138.
 Güssow, H. T., V. 116.
 Guyomarc'h, III. 33, 145, 200.
 Guyot, R., VII. 67.
 Guzman, A., III. 213.
 Haas, V. 177.
 Haas, T. D., VI. 136.
 Haber, V. R., V. 58, X. 199.
 Hacker, H. P., V. 54, VIII. 84, IX. 73.
 Hadlington, J., II. 101, 115, III. 230, VI. 74, VII. 67.
 Hadwen, S., I. 60, 92, 204, II. 196, III. 109, IV. 195, V. 119, VI. 44, 45, 166, VII. 43, 55, 80, X. 11, 114.
 Haecker, V., VIII. 120.
 Haight, H. H., V. 33.
 Hakansson, E. G., VI. 49.
 Halberkann, J., IV. 61.
 Hall, H. C., V. 22.

- Hall, M. C., I. 49, IV. 58, 63, VI. 44, 183, VII. 74, VIII. 36, IX. 110, 157, X. 177.
 Halpin, J. G., X. 199.
 Hamer, W. H., I. 214.
 Hamerton, A. E., I. 99, 100, 133, II. 119, 156, 185, 186, 188.
 Hamm, A. H., VII. 186.
 Hansen, F. P. G., VIII. 83.
 Hanson, H., X. 24.
 Hardy, G. H., V. 67, VII. 60, VIII. 127.
 Hargrave, J. C., VI. 14.
 Haring, C. M., X. 165.
 Harms, B., VIII. 168.
 Harnam Singh, B., IX. 130.
 Harold, C. H. H., VIII. 197.
 Harrison, L., I. 164, 165, IV. 183.
 Harrison, W. T., VIII. 157.
 Hartley, J. A., VII. 34.
 Hartzell, A., VI. 146.
 Harvey, D., I. 99, 100, 133, II. 156.
 Hase, A., IV. 35, V. 44, VI. 59, 174, VII. 173, VIII. 119, 120, 122, 168, IX. 17, 44, X. 7.
 Haseman, L., V. 137, VI. 3.
 Hata, H., VI. 194.
 Hatori, J., VIII. 37, X. 41.
 Hattori, T., IX. 161.
 Hauer, C. E., IX. 122.
 Haughwout, F. G., VII. 102.
 Hautefeuille, E., VIII. 62.
 Haworth, W. E., X. 223.
 Hay, G. G., IV. 154.
 Hayashi, N., VIII. 79, IX. 65.
 Hayashi, Y., VI. 51.
 Haydon, L. G., X. 178.
 Hayes, F. M., VII. 34.
 Hayes, J. B., X. 199.
 Hayne, T. B., X. 65.
 Headlee, T. J., II. 158, III. 51, 52, 94, 212, IV. 6, V. 102, 141, VI. 155, VII. 21, 24, 90, VIII. 30, IX. 26, 27, 186, 187, 188, X. 110, 228.
 Hearle, E., VIII. 140, IX. 86, 141, X. 64, 127, 165, 167.
 Hearsey, H., II. 57, III. 67.
 Hebrant, I. 101.
 Heckenroth, F., I. 144, 187, 191, VI. 198.
 Héderer, C., VIII. 3.
 Heerdt, W., IX. 4.
 Hegh, E., IV. 36, VI. 161, IX. 186, X. 189.
 Hegner, R., IX. 95.
 Hehir, P., VI. 222, IX. 32.
 Heidenreich, VIII. 114.
 Heiser, V. G., I. 158, II. 127.
 Hele, T. S., X. 8.
 Heller, K. M., IX. 53.
 Hendley, H., V. 88, VI. 173.
 Henriksen, K. L., VIII. 83, IX. 117.
 Henry, V. 77, VI. 94.
 Henry, A. K., VII. 168.
 Henry, M., I. 232, II. 130, VIII. 173.
 Henry, M. A., X. 149.
 Héraud, A., IV. 191.
 Herms, W. B., IV. 119, 176, V. 143, 160, 162, 167, VI. 70, VII. 163, VIII. 5, 92, 93, 107, X. 166, X. 29, 64.
 Herold, W., X. 195.
 Herrick, G. W., I. 85, III. 52, 158, IV. 12, X. 11.
 Herzog, M. A., X. 135.
 Hesketh Bell, Sir E., III. 97.
 Hesse, I. 11.
 Hesse, E., VI. 135, VII. 79, IX. 142, X. 15.
 Hetsch, H., III. 197.
 Hewitt, C. G., II. 56, 159, III. 90, 125, 133, 174, IV. 80, 122, V. 105, VI. 9, 40, 114, VIII. 13, IX. 65.
 Hewitt, J. O'N., IX. 22.
 Hewitt, T. R., III. 19, 22, 24.
 Heyden, N. H. van der, V. 27, VI. 156.
 Heymann, B., IV. 87, V. 32.
 Hicks, J. R., VI. 120.
 Higgins, J. T. D. S., IV. 57.
 Hildebrand, S. F., VII. 162, IX. 85, 163, X. 214.
 Hill, B. J., VI. 224.
 Hill, G. F., IV. 8, 72, V. 67, VI. 27, 118, VII. 118, VIII. 173, IX. 62, 118, 133, X. 224, 232.
 Hill, L., X. 140.
 Hindle, E., II. 34, 38, 50, III. 9, 31, 47, 140, 228, V. 70, IX. 148.
 Hine, J. S., V. 127, VIII. 156, IX. 158.
 Hirschfelder, A. D., VII. 155, VIII. 73.
 Hirst, L. F., II. 38, V. 150.
 Hirst, S., I. 15, 228, III. 9, 47, 140, 228, IV. 68, 86, 141, 159,

- V. 92, 128, 180, VI. 60, 235, VII. 127, VIII. 166, IX. 51, 196, X. 32, 96, 129.
- Hoare, C. A., IX. 96, X. 222.
- Hodge, C. F., I. 233, VIII. 200.
- Hodgkins, J. R., IX. 4.
- Hodgson, E. C., III. 39.
- Hoesen, H. W., X. 75.
- Hoffman, F. L., V. 17, VI. 24, 120, VIII. 205.
- Hoffman, W. H., IX. 212, X. 136, 215.
- Holborow, A. G., II. 136, IV. 46, VI. 132.
- Hollister, W. L., VI. 170.
- Holmes, R. P., VIII. 220.
- Holt, J. J. H., IV. 140.
- Hone, F. S., X. 94.
- Hoof, L. Van, VI. 33, X. 146.
- Hoole, E. T., I. 87.
- Hoosain, T., I. 72.
- Hopkirk, C. S. M., VII. 179.
- Horn, A. E., III. 190, VI. 47.
- Hornby, H. E., V. 106, VII. 94, 111, 139, VIII. 57, 149, IX. 66, 207.
- Horne, J. H., I. 163, II. 193.
- Hornig, H., III. 128.
- Hornus, P., X. 188.
- Horst, M. D., VIII. 71.
- Horta, P. de Figueiredo Parreiras, VII. 66.
- Hortsman, E., VII. 36.
- Hossack, W. C., III. 71.
- Hostalrich, III. 100.
- Hough, F. P. W., VII. 5.
- Houlbert, C., IV. 156.
- Houssay, B. A., VI. 112.
- Houssiau, J., IV. 15.
- Houston, J. W., III. 168.
- Houston, W. M., I. 73.
- Hovasee, VI. 72.
- Howard, C. W., I. 17, III. 27, V. 114, 161, 168, VI. 9, 66, 67, 86, VII. 132.
- Howard, H. H., X. 29, 205.
- Howard, L. O., II. 160, III. 85, V. 58, 75, 187, VI. 69, 103, VII. 44, VIII. 203, IX. 27, 28, 50, 71, X. 68, 109.
- Howarth, E., IV. 140.
- Howell, B. H., V. 31.
- Howlett, F. M., I. 211, 219, 221, II. 142, IV. 32, 91, VI. 19, VII. 46, 187.
- Huber, F., VIII. 46, 211.
- Huber, G. U., III. 47.
- Hudson, H. F., III. 47.
- Hughens, H. V., VIII. 2.
- Hughes, T. A., VIII. 126.
- Huguier, X. 138.
- Huie, L. H., VI. 80.
- Hull, J. E., X. 119.
- Hunter, S. J., I. 95, II. 160.
- Hunter, W., VI. 236.
- Hunter, W. D., III. 138.
- Huntley, H. G. M., VIII. 199.
- Husk, C. E., VI. 213.
- Hussey, R. F., X. 181.
- Hutcheon, D., II. 203.
- Hutchins, E., II. 164, III. 230, VI. 30, VII. 109, VIII. 104.
- Hutchison, R. H., II. 71, 178, III. 134, 192, IV. 62, V. 8, VI. 103, 158, VII. 25, 164, VIII. 72, 158, IX. 117.
- Hutson, J. C., VI. 7, X. 67.
- Hylkema, B., IX. 114, X. 38, 150, 159.
- Ihering, R. von, V. 28.
- Illingworth, J. F., III. 148, 232, V. 10, 138, VI. 163.
- Ilvento, A., VI. 93.
- Imes, M., IV. 148, V. 145, VI. 153, VII. 93, 104, VIII. 200, IX. 192.
- Inamura, H., VI. 21, VII. 140.
- Ingram, A., IV. 111, V. 2, 45, 167, VI. 17, 38, VIII. 11, 12, 209, IX. 25, 76, 201, X. 60, 142, 183, 225, 233, 234.
- Ingram, J. H., X. 191.
- Irigoyen, A. C., VII. 181.
- Ismert, R., IX. 169.
- Iturbe, J., V. 65.
- Iverson, J. P., IX. 69.
- Iyengar, M. O. T., VIII. 106, IX. 124, X. 75, 80, 230.
- Iyer, R. Ganpati, III. 73.
- Jablonowski, J., X. 2, 3.
- Jack, R. W., II. 147, 149, III. 7, V. 26, 52, 166, VI. 134, VII. 42, 60, 179, VIII. 12, 209, X. 26.
- Jackley, J. G., VII. 169.
- Jackson, A. C., V. 146.
- Jackson, R. W. H., V. 30.
- Jackson, T. W., IV. 7.
- Jackson, W. R., VIII. 90.
- Jacoulet, VI. 95.
- Jacques, J. E., IX. 129.
- Jaeschke, V. J., VI. 29, 240.

- Jahraus, P., X. 4.
 James, S. P., II. 28, 69, 182, VI. 31, VII. 110, VIII. 124, 125, IX. 32, X. 105.
 Jamieson, S., III. 109.
 Jamot, E., VIII. 154.
 Jancsó, N., X. 90.
 Jardine, D. S., III. 24.
 Jarvis, E., II. 10.
 Jarvis, E. M., VII. 7.
 Jarvis, F. E., VII. 190.
 Jeanselme, E., V. 19.
 Jennings, A. H., III. 102.
 Jensen, C. O., VIII. 83.
 Jepson, F. P., IV. 41, VI. 111, IX. 164.
 Jiménez, R. M., X. 158.
 Joan, T., VI. 29.
 Johannsen, O. A., III. 216, IX. 117.
 Johnson, C. W., II. 78, VIII. 95, X. 148.
 Johnson, J. Pratt-, IX. 128.
 Johnson, W. B., IV. 149, 150, VII. 169, IX. 195.
 Johnson, W. T., X. 116.
 Johnston, J. E. L., IV. 112.
 Johnston, T. H., I. 164, 165, VI. 187, VII. 112, VIII. 58, 174, 187, 189, IX. 155, 215, X. 1, 14, 15, 133, 168.
 Jojot, C., IV. 110, V. 14, X. 113.
 Jolivet, L., VI. 4.
 Jolly, VII. 30.
 Jones, A. Seymour-, X. 57.
 Jones, H. L., VII. 45.
 Jones, H. Ll., III. 172, VII. 45.
 Jones, L. G., VI. 164.
 Jongh, J. R. de, I. 40, III. 224.
 Jordan, K., IV. 32, 33, VIII. 98, IX. 61, 62.
 Jouveau-Dubreuil, VIII. 81.
 Joyeux, C., I. 120, 185, IV. 21, V. 13, VI. 201, VIII. 87.
 Judd, C. S., X. 114.
 Jungmann, P., V. 131, VIII. 61.
 Jürgens, V. 81.
 Juritz, C. F., VIII. 130.
 Kadocsa, G., X. 3.
 Kaupp, B. F., IV. 53, V. 137.
 Kawabada, K., VIII. 138.
 Kawakami, Z., X. 235.
 Kawamura, R., VI. 21, IX. 161, X. 41.
 Keates, H. C., X. 129.
 Kehoe, D., VIII. 5.
 Keilin, D., V. 147, VIII. 21, 24, IX. 147, 149, 190, X. 33.
 Kellogg, V. L., II. 157, III. 3, 127, IV. 120, 137, VIII. 99.
 Kemnitz, VIII. 205.
 Kemp, S., IV. 118.
 Kennan, R. H., IV. 45.
 Kennedy, A. F., II. 204.
 Kennedy, C. H., V. 40.
 Kennedy, J. C., VIII. 20.
 Keogh, F., VI. 102.
 Kerandel, J., III. 97.
 Kerrest, J., X. 172.
 Kerry Reddin, T., III. 22.
 Kestell, N. H., VIII. 203.
 Keukenschrijver, N. C., IX. 135.
 Keyworth, W. D., IV. 124.
 Kieffer, J. J., III. 51, VII. 154, VIII. 213, IX. 106, 171, 191, X. 50, 51, 179.
 King, A., II. 13.
 King, H. H., I. 132, 232, II. 37, III. 48, 228, VI. 194, VII. 99, IX. 176, X. 161.
 King, H. N., VI. 221.
 King, W. V., I. 101, III. 60, IV. 53, 90, 152, V. 73, 78, IX. 179.
 King, W. W., V. 61, VII. 108.
 Kinghorn, A., I. 41, 168, VII. 141.
 Kinghorne, J. W., IX. 110.
 Kingon, J. R. L., IV. 105.
 Kinloch, J. P., III. 156, IV. 133.
 Kinoshita, S., VI. 225, VII. 101.
 Kirby, F. Vaughan-, V. 172.
 Kirillov, L., III. 115.
 Kirk, H., VIII. 114.
 Kirk, H. B., VII. 1.
 Kirschbaum, VI. 58.
 Kisliuk, M., V. 127.
 Kisskalt, K., III. 203.
 Kitano, T., IV. 154.
 Kitashima, T., VII. 44, 87.
 Klein, W., IX. 88, 201, X. 173.
 Kleine, F. K., I. 118, V. 12, VIII. 150.
 Kling, C., I. 216.
 Klingmüller, VI. 77.
 Klose, F., VI. 56.
 Knab, F., I. 25, 164, 223, 230, 234, II. 27, 87, 97, 132, 169, 187, 204, III. 30, 67, 113, IV. 30, 107, 160, 175, V. 18, 82, VI. 8, 87, VII. 25, 105.
 Knese, IV. 126.
 Knight, H. H., X. 163.

- Knowles, A. D., VI. 170.
 Knowles, C. H., IX. 164.
 Knowles, R., VI. 208.
 Knuth, P., VIII. 193.
 Kobayashi, H., VII. 142, IX. 180, X. 206.
 Koch, A., VII. 49, VIII. 117, 118, IX. 46, 185.
 Koch, H., III. 104.
 Koch, J., VI. 59.
 Kock, G. v. d. W. de, VIII. 8.
 Kofoed, C. A., IV. 181.
 Kohl-Yakimoff, N., I. 55.
 Koike, S., IX. 118.
 Koizumi, T., VI. 195.
 Kolbe, W., X. 8.
 Konsuloff, S., IX. 177, 192, X. 176, 193.
 Korke, V. T., IV. 125.
 Korteweg, P. C., X. 20.
 Korthof, G., X. 51.
 Koselkine, P. M., IV. 101.
 Kotlán, S., IX. 116.
 Kramer, S. D., III. 139.
 Kraus, R., V. 113, VI. 59, VII. 181, IX. 197.
 Krausse, A., VII. 59, IX. 4.
 Kreisel, C., IX. 184.
 Kretschmar, X. 88.
 Kröber, O., IX. 46.
 Krontowski, A., I. 117.
 Kubo, Kametarō, X. 45.
 Kuczynski, M. H., V. 131, VII. 68.
 Kudo, R., VI. 171, X. 82, 107.
 Kuhn, P., V. 32, X. 160.
 Kuijer, A., X. 120.
 Kulagin, N. M., V. 15.
 Külz, L., VI. 136.
 Kunhardt, J. C. G., III. 73, IX. 158.
 Kuntze, A., X. 120.
 Kuraoka, H., III. 100.

 Laake, E. W., IV. 1, VII. 121, IX. 171, 194, X. 122.
 Laaren, G. F. van, X. 120.
 Laat, J. E. van der, I. 159.
 Labbé, M., VII. 79.
 Lacassagne, A., VI. 73.
 Lacaze, H., VII. 29, 31.
 Lacroix, A., VIII. 183, IX. 120.
 Lafont, A., II. 58.
 La Frenais, H. M., IV. 124, IX. 161, 208, 209, X. 73.
 Lagrange, E., X. 171.
 Lagriffoul, A., VI. 70, 105.
 Lahille, F., II. 129, IV. 177, VI. 238, VIII. 200.
 Laigret, X. 185.
 Laing, F., IX. 99.
 Lake, G. C., IX. 189, X. 96, 97, 122.
 Lakon, G., VIII. 123.
 Lalor, N. P. O'Gorman, I. 163, 219, III. 50.
 Lama, A., III. 103.
 Lambert, J., VI. 114.
 Lambert, R. A., VII. 131.
 Lamborn, W. A., III. 140, IV. 28, 113, VIII. 206, IX. 42, 134, 190, X. 57, 103, 152, 206.
 Lamoureux, A., I. 120, VI. 12, VIII. 212.
 Lamson, G. H., Jr., IV. 26, V. 72, 168, VIII. 9.
 Lan, Bernier y, III. 51.
 Lane, D. T., IV. 86.
 Lang, W. D., VI. 175, VIII. 139.
 Lange, W., V. 177, IX. 166.
 Langeron, M., IV. 156, V. 13, 19, VI. 106, 141, VII. 29, VIII. 181, X. 68, 100.
 Lanzenberg, A., IX. 135.
 La-Puente, T., III. 224.
 Larisch, P., V. 122.
 Larrouse, F., VIII. 108, IX. 21, 124, X. 54, 218.
 Lassalle, C. F., V. 59, IX. 57.
 Lasserre, R., X. 87.
 Laurie, D. F., I. 23, II. 21, III. 129, VII. 144, VIII. 128.
 Laveran, A., I. 134, 177, II. 36, 54, 89, 201, III. 143, 144, 146, IV. 9, 85, 102, 103, V. 95, 97, 98, 139, 189, VI. 35, 200, VII. 145, 158, 160, VIII. 41, 88, 154, 184, IX. 58, 106, 120, 136, 150.
 Lavier, G., IX. 204.
 Lawrence, H., V. 64, IX. 186, X. 56, 169.
 Laws, H. E., I. 133, 152, 214, III. 218.
 Laygier, H., VIII. 20.
 Lea, A. M., VI. 178.
 Leach, H., III. 107.
 Leak, W. N., IX. 77.
 Leake, J. P., VI. 68.
 Lebailly, C., VII. 150, 153, VIII. 97.
 Leboeuf, A., I. 36, II. 39, 79, VI. 158, VII. 51.

- Ledesma, D. A. Blanco, VI. 51.
 Ledingham, J. C. G., VIII. 110.
 Leefmans, S., VII. 116.
 Leese, A. S., II. 151.
 Leeson, H. H., I. 79.
 Lefrou, X. 185.
 Lefroy, H. M., V. 23, 146, VI. 61, VII. 161.
 Le Gallen, R., VI. 11.
 Legendre, J., I. 57, 121, 190, II. 86, 171, III. 145, IV. 49, 195, VI. 157, VII. 16, VIII. 98, IX. 90, 114, X. 3, 35.
 Leger, A., I. 37, V. 98, VI. 11, 82, 103, IX. 31.
 Léger, L., V. 148, VI. 24, VII. 15, 16, IX. 49.
 Leger, M., V. 94, 97, VI. 13, 93, 104, 106, 160, VII. 137, VIII. 109, 185, IX. 81, 151, X. 96, 175, 188.
 Legroux, R., III. 201, V. 138.
 Leiper, R. T., I. 16.
 Leishman, Sir W. B., IV. 150, VI. 138, IX. 85.
 Leitão, Mello, X. 217.
 Leiva, L., VII. 103.
 Lemaire, G., II. 199, III. 230.
 Lemaire, H., V. 98, VI. 36.
 Leneveu, VI. 94.
 Lentz, W., VII. 130.
 Lenz, F., VI. 56, 57, VIII. 63.
 Leon, N., VIII. 145, IX. 175.
 Leonard, T. M. R., IV. 149.
 Lepneva, S. G., X. 22.
 Le Prince, J. A. A., III. 79, 108, IV. 97, V. 100, 134, VII. 7, 108.
 Lesne, P., X. 30.
 Levaditi, C., I. 216.
 Lewis, J., II. 172.
 Lewis, J. C., II. 91.
 Lhéritier, A., VI. 200, VII. 85, VIII. 77.
 Lichtwardt, B., VIII. 74.
 Lienhart, R., VIII. 188.
 Lignières, J., II. 172, VIII. 18, 41.
 Lima, A. da Costa, II. 107, IV. 39, 61, 137, 177, IX. 136, X. 93.
 Lima, da Rocha, V. 100, 110, VI. 58.
 Linnell, R. M. C., III. 202.
 Linzell, L., VIII. 22.
 Lionnet, F. E., VII. 18.
 Lischetti, A. B., VIII. 163.
 Liston, W. G., I. 143, II. 196, III. 104, IV. 75, VI. 18, VIII. 106, IX. 16.
 Little, A., VII. 95, 154, IX. 48.
 Littlewood, W., VIII. 130.
 Llambias, J., IX. 37.
 Lloyd, L., I. 20, 168, II. 95, 117, IV. 44, 117, VI. 132, 225, VII. 45, VIII. 10, 33, 70, 175.
 Lobaczewski, A. R. v., III. 118.
 Lochhead, W., IV. 194, VI. 33.
 Lodge, O. C., IV. 168, VII. 56.
 Loewy, J., X. 157.
 Loftin, U. C., VIII. 53, 94, 158.
 Loghem, J. J. van, X. 5.
 Lomholt, S., VII. 172.
 Long, J. D., III. 26.
 Longfellow, R. C., I. 51.
 Lonjarret, X. 188.
 Lonkhuijzen, J. J. van, IX. 190.
 Loon, F. H. van, X. 5.
 López Neyra, C. R., VIII. 115.
 Lorenz, F. H., VII. 157.
 Lorenzo, D., IX. 37.
 Lornie, W. S., X. 47.
 Loubrieu, IX. 136.
 Loughnan, W. F. M., I. 141, II. 12, 158, IX. 70, 171, X. 164.
 Lounsbury, C. P., II. 181.
 Low, G. C., VII. 109.
 Low, R. B., II. 189.
 Lucet, A., II. 90.
 Lucy, S. H. R., VI. 3.
 Ludlow, C. S., II. 70, 133, 187, III. 229, VI. 189, VIII. 59, 78, 95, 207, IX. 73, X. 178.
 Lugo, Gonzalez-, I. 188.
 Luigioni, P., X. 119.
 Luisi, X. 155.
 Lund, C. Wesenberg-, VI. 182, VII. 170, VIII. 83, IX. 82, 153, 154.
 Lustig, A., X. 174.
 Lütje, IV. 2.
 Lutrario, IX. 30, X. 156.
 Lutz, A., I. 63, 66, 176, 230, II. 43, 106, III. 81, 82, 194, IV. 36, 37, 137, VI. 129, VIII. 25, X. 199.
 Lyon, H., III. 215.
 Lyon, M. W., Jr., V. 147.
 Lyon, S. C., VI. 67, X. 83.
 Lyster, T. C., IX. 71.
 McArthur, C. L., V. 110.
 Macarthur, W. P., IX. 86, X. 85.

- McAtee, W. L., VII. 128, X. 115.
 MacBean Ross, J. N., IV. 143.
 McCaffrey, D., IV. 154.
 McCarthy, T., III. 15.
 McClain, J. H., III. 58.
 MacCormac, H., V. 175, VI. 176.
 McCornack, P. D., X. 107.
 McCoy, G. W., X. 44.
 McCulloch, C. C., V. 170, VII. 6.
 McCulloch, I., IV. 181, V. 18, IX. 48.
 McDaniel, E., X. 227.
 Macdonald, A., I. 112, V. 21, 53, VII. 131, VIII. 176, 192.
 McDonald, A. H. E., VII. 155.
 Macdonald, A. S., X. 141.
 McDonald, R. E., VII. 168.
 McDonald, W., IV. 196, VI. 213, VII. 61, IX. 127.
 McDonald, W. M., V. 22.
 Macdonald, W. R., II. 194.
 McDonnell, R. P., V. 154.
 Macdougall, A. H., IX. 10.
 MacDougall, R. S., II. 132, III. 206, IV. 178, VI. 81, X. 148.
 McDunnough, J., IX. 191.
 McEachran, J. F., IV. 8, VII. 15.
 McFadyean, Sir J., VII. 166.
 MacFarlane, H., II. 110, III. 132, IV. 39.
 Macfarlane, R. M., IV. 130.
 Macfie, J. W. S., I. 127, 137, 166, II. 25, 84, III. 53, 54, IV. 27, 42, 81, 111, V. 2, 46, 47, 54, 57, 167, VI. 15, 16, 17, 38, VII. 132, VIII. 12, 50, 156, 209, IX. 25, 76, 201, X. 60, 61, 167, 183, 225, 233, 234.
 MacGilchrist, A. C., I. 162.
 MacGregor, A. S. M., VIII. 91.
 MacGregor, M. E., II. 131, III. 187, IV. 116, 131, V. 188, VIII. 13, 48, 91, 110, 139, IX. 43, X. 16, 25, 61.
 Machado, A., IV. 36.
 Machado, O. M., VIII. 1.
 McHattie, A. C. N., III. 129.
 Maciel, J., II. 124, 125.
 Mackenna, J., V. 104.
 Mackenzie, F., IX. 87.
 McKenzie, J. W., VI. 41.
 Mackie, F. J., VII. 101.
 Mackie, F. P., II. 153, 184, III. 126, VIII. 91, X. 223.
 Mackinnon, E., IX. 80.
 McLay, K., X. 8.
 Magath, T. B., X. 45.
 Maggio, C., III. 205.
 Magrou, J., X. 156.
 Maheux, G., X. 112.
 Mahulete, J., X. 179.
 Majocchi, D., VII. 142.
 Major, H. S., I. 225, II. 129.
 Malisch, II. 168.
 Malkmus, B., VIII. 137.
 Mallanah, S., VI. 221.
 Malloch, J. R., II. 2, 167, III. 163, IV. 55, 107, VI. 83, 169, VII. 196.
 Malloizel, VI. 34.
 Mally, C. W., III. 220, IV. 80, IX. 39.
 Malone, A. E., VII. 109.
 Maltese, P., I. 185.
 Mandoul, H., VIII. 67.
 Manetti, C., VIII. 167, IX. 173.
 Mangkoewinoto, R. M. M., VII. 76.
 Mann, W. L., VII. 75.
 Mann, W. M., III. 128.
 Manrin, G., V. 14.
 Mansfield-Aders, W., III. 48, 49, V. 147, VI. 46, 123, VIII. 112.
 Mansion, J., II. 4, 201, IX. 37.
 Manson, J. K., VII. 176.
 Manson, Sir P., V. 152.
 Manson-Bahr, P., VIII. 75, X. 27. [Formerly Bahr, P. H., *q. v.*]
 Mantovani, M., III. 110.
 Marcenac, X. 30.
 Marchand, W., VI. 10, 19, VII. 63, 123, VIII. 154, IX. 122.
 Marchoux, E., I. 33, 215, IV. 85, VI. 81, X. 70, 112.
 Marett, P. J., I. 27, III. 162, 168, IV. 20.
 Mariana, A., IV. 152.
 Marjoribanks, J. L., II. 191.
 Markoff, W. N., V. 33.
 Marlatt, C. L., III. 126, V. 48.
 Marschalko, T. von, III. 203.
 Marshall, J. F., X. 120.
 Martial, R., IX. 78.
 Martin, A., X. 87.
 Martin, C. J., I. 12, II. 60.
 Martin, L., VI. 198.
 Martini, E., II. 130, IV. 16, VII. 8, VIII. 120, 169, 171, 213, 214, IX. 20, 35, 52, 91, 115, 143, X. 2, 36, 51, 76, 128, 132, 149, 185, 209, 228.
 Martoglio, F., I. 181.

- Marxer, A., IX. 129.
 Marzinovzky, E. I., II. 109, 119,
 III. 123, V. 85, 109, VI. 78, 79,
 X. 215.
 Marzocchi, V., I. 188.
 Mason, C., IV. 171, VI. 36.
 Mason, F. A., X. 56.
 Mason, F. E., I. 19, III. 77, IV. 7,
 192, IX. 109, X. 127, 133.
 Massini, P. C., VI. 180.
 Massonnat, E., I. 234.
 Masterman, E. W. G., VII. 5.
 Masur, V. 29.
 Matheson, R., X. 203.
 Mathis, C., II. 197, 201.
 Matta, A. da, VIII. 41, IX. 7, X.
 156.
 Matthews, A., V. 191.
 Matthiesen, V. 120.
 Mattos, W. B., IX. 6.
 Maxwell, J. P., X. 84.
 May, A., II. 73.
 Mayer, M., II. 168, IV. 134, VI.
 213, IX. 94.
 Mayer, T. F. G., I. 122.
 Maynard, G. D., V. 83.
 Mayne, B., VII. 185, VIII. 188,
 IX. 41, 188, X. 148. [Formerly
 Mitzmain, M. B., *q.v.*]
 Mayne, J. F., VIII. 90.
 Mayr, L., IV. 158.
 Mazzaccara, G., IX. 176.
 Mazzuoli, S., IV. 62.
 Medina, J. M. Muñoz, VIII. 115.
 Megaw, J. W. D., IX. 214.
 Meijere, J. C. H. de, III. 155.
 Melander, A. L., V. 192.
 Mello, F. de, II. 191, III. 211, IX.
 129, X. 67, 210.
 Mello Leitão, X. 217.
 Mellor, J. E. M., VII. 190.
 Mendoza, P. de la C., V. 168.
 Mendy, J. B., VI. 218, 238.
 Meniaud, J., VI. 122.
 Menon, T. K., III. 73, V. 124, VI.
 1, 207.
 Mense, C., VI. 193.
 Mercier, L., VII. 150.
 Merrillat, L. A., VIII. 157.
 Merriman, G., I. 102.
 Mesnil, F., V. 159, VII. 40, VIII.
 217, IX. 150, X. 155.
 Messerschmidt, T., II. 172.
 Messore, L., IV. 19.
 Metalnikov, S., II. 53, VIII. 86,
 IX. 154, 177, X. 82, 98, 121, 228.
 Metz, C. W., VII. 47, 87, 153, 159,
 VIII. 219.
 Meza, J. de, VII. 47, VIII. 33, 70.
 Mhaskar, K. S., I. 143.
 Michie, H. C., IV. 76.
 Michnin, A. J., II. 182.
 Miessner, H., II. 146, IV. 126, V.
 177, VI. 120.
 Migone, L. E., III. 147.
 Milks, H. J., IX. 40.
 Miller, D., VII. 107, 180, IX. 75,
 168, X. 114, 155, 165, 183, 204.
 Miller, G. A., X. 99.
 Minchin, E. A., III. 74.
 Minett, E. P., X. 33.
 Mitamura, D., VI. 21.
 Mitamura, T., VII. 140, X. 107.
 Mitchell, D. T., VIII. 6.
 Mitchell, J. A., V. 180.
 Mitchell, J. D., VI. 121, X. 162.
 Mitchell, P. C., III. 206.
 Mitter, J. L., IV. 24, 75, VI. 131,
 VII. 184.
 Mitzmain, M. B., I. 12, 113, 129,
 200, 202, 212, II. 73, III. 173,
 182, IV. 76, 92, 136, 175, V.
 60, 133, 156, 183, VI. 5. [Sub-
 sequently Mayne, B., *q.v.*]
 Miyagawa, Y., VII. 140, X. 107.
 Miyajima, M., VII. 44, 87.
 Miyakawa, B., VI. 21.
 Miyashima, K., V. 160, VI. 21,
 VII. 182.
 Mohler, J. R., II. 101, VII. 35,
 91, 94, VIII. 98, IX. 109.
 Moll, A. M., VI. 86.
 Mollow, W., VIII. 170.
 Moniz, G., IV. 134.
 Montgomery, R. E., V. 76, VII.
 155.
 Montpellier, J., VIII. 183, IX.
 120.
 Monziols, IX. 7.
 Moon, R. O., V. 31.
 Moor, C. G., VI. 83.
 Moore, A. E., V. 115.
 Moore, W., IV. 79, V. 131, 174,
 VI. 189, VII. 66, 74, 155, VIII.
 73, X. 4.
 Morales, R., IV. 177.
 Moreau, L., II. 41.
 Morison, J., III. 127, IV. 124.
 Mornard, V. 121.
 Morrill, A. W., I. 107, II. 136,
 159.

- Morris, H., VI. 181, VIII. 105, X. 26.
 Morris, H. M., IX. 10.
 Morris, L. M., IV. 59, VII. 147.
 Morstatt, H., II. 43, 124, III. 104, IX. 92.
 Moscowitz, A., VIII. 158, IX. 117.
 Mosier, C. A., VII. 20, 62, VIII. 19.
 Moss, C. J. A., I. 23.
 Mote, D. C., III. 149, V. 89, VI. 142, X. 99.
 Mouchet, R., V. 139.
 Mould, W. T., I. 141.
 Mouriquand, G., V. 148, VI. 24, VII. 16.
 Moussu, G., II. 143, V. 178, VII. 188.
 Moutzels, P., I. 198, V. 94, 97, VI. 106.
 Mühlens, P., VI. 57, IX. 93.
 Muir, F., III. 48, IX. 38.
 Muir, J. T., I. 49.
 Müller, A., X. 190.
 Müller, J., VIII. 103.
 Müller, L. R., V. 112.
 Muñoz Medina, J. M., VIII. 115.
 Munro, H. K., X. 105.
 Munro, J. W., VII. 161.
 Muraz, G., IX. 58, X. 146.
 Murray, C. H., III. 25.
 Murray, W. A., X. 42.
 Muskoyama, VIII. 79.
 Musselius, A. A., IV. 50.
 Musso, L., VIII. 81.
 Muto, A., IV. 177, V. 291.
 Nagayo, I., VI. 21.
 Nagayo, M., VII. 140, X. 107.
 Nagler, A., IX. 189.
 Nakano, H., IX. 95.
 Nakayama, S., II. 157, III. 127.
 Nandin, L., IX. 88.
 Narayan Rao, K., III. 73.
 Näslund, C., X. 45.
 Natvig, L. R., VI. 78.
 Neave, S. A., III. 115.
 Nedergaard, N., X. 63.
 Neill, M. H., VI. 165.
 Neish, W. D., II. 20.
 Neiva, A., I. 66, 175, 176, II. 106, 107, III. 81, 194, 223, 224, IV. 137, VI. 90, VII. 65.
 Nelson, E. W., VI. 22.
 Neschat Omer, IX. 113.
 Netolitzky, F., VIII. 122, X. 60.
 Netter, VI. 24.
 Neufeld, F., VI. 214.
 Neumann, L. G., I. 146, III. 3, V. 14.
 Nevermann, L., VI. 120, VIII. 112.
 Newcomb, C., VIII. 155.
 Newham, VII. 194.
 Newman, L. J., X. 235.
 Newstead, R., I. 34, 73, 168, II. 103, III. 11, V. 5, VI. 185, IX. 10, 43, 119, 202, X. 62, 125.
 Neyra, C. R. López, VIII. 115.
 Nezlobinsky, N., III. 184.
 Nicholls, H. M., IX. 45, 105.
 Nicholson, A. J., IX. 196.
 Nicholson, F. D., VIII. 69.
 Niclot, I. 32, V. 86, 99, VI. 121, VII. 53.
 Nicoll, W., V. 126, 149, VI. 62.
 Nicolle, C., I. 70, 74, II. 36, 132, III. 26, 59, 145, VII. 153, VIII. 97, 181, IX. 94, X. 69.
 Nielson, J. C., I. 133.
 Nieschulz, O., X. 191.
 Nikanorov, S. M., X. 220.
 Nobbs, F. A., IV. 171.
 Noc, F., I. 35, IX. 21, X. 12, 52, 155.
 Nocht, B., IV. 134.
 Noel, P., I. 30, II. 68, IV. 53.
 Noguchi, H., VI. 171, VIII. 78, 136.
 Nogue, M., X. 12, 155.
 Nolan, H. O., VIII. 19.
 Nöller, W., V. 11, 33, VI. 54, VIII. 45, 171, IX. 214, X. 145.
 Nowlin, N., X. 206.
 Numes, L. F., II. 69.
 Nuñez Tovar, M., IX. 12, 13.
 Nuttall, G. H. F., I. 93, 103, 111, 155, 204, 205, II. 105, III. 24, 110, 142, 189, IV. 34, 55, 64, V. 70, VI. 18, 19, 219, VII. 70, 72, VIII. 21, 23, 133, IX. 149, X. 25.
 O'Brien, J. M., IV. 149.
 O'Connor, F. W., V. 117, 151, VII. 161.
 O'Dea, M. E., IV. 151.
 Oesterlin, E., VII. 143.
 O'Farrel, W. R., I. 163, 199, II. 45, 187.

- O'Gorman Lalor, N. P., I. 163, 219, III. 50.
 O'Kane, W. C., X. 184.
 Okumura, T., V. 160, VI. 21, VII. 182.
 Olitsky, P. K., VI. 213.
 Oliveau, A., IX. 37, 114.
 Oliveira, M. R. de, III. 133.
 Ollé, V. 152.
 Orenstein, A. J., I. 119, II. 80, IV. 97, 104.
 Ormea, G. d', VIII. 2.
 O'Roke, E. C., IX. 17.
 Orpen, R. W., IX. 48.
 Orr, H., VIII. 21.
 Orticoni, III. 232.
 Osburn, R. C., I. 98.
 Oshima, VIII. 79.
 Osterwald, H., VIII. 62, IX. 68, X. 6, 211.
 Otten, L., II. 115, III. 34, V. 65, VI. 52, 54, IX. 107.
 Oudemans, A. C., X. 235.
 Ouzilleau, F., I. 45, III. 136, IX. 59.
 Owen, A. Dunley, VII. 7.
 Owen, G. E., III. 6, VI. 119.
 Owen, W. O., VIII. 64.
 Oxspring, G. E., VIII. 220.
 Ozzard, A. T., VI. 84.
 Pace, I. di, V. 63, VI. 115, X. 174.
 Padwick, H. B., X. 132.
 Paez, F. R., VII. 69.
 Page, G. B., VII. 192.
 Paillot, A., VIII. 86.
 Painter, H. R., VI. 224.
 Paiseau, G., V. 98, VI. 36, VII. 138, IX. 136.
 Palazzolo, G., V. 28.
 Palfrey, F. W., IX. 137, X. 189.
 Panisset, L., VI. 36, 180, VIII. 19, IX. 67.
 Pantaleoni, P., X. 46.
 Paoli, G., IV. 70, VI. 188.
 Paracampo, A., IX. 19.
 Paraf, J., IX. 94.
 Parham, J. C., X. 46.
 Parham, J. G., I. 54.
 Paris, P., I. 111.
 Park, G. W., X. 177.
 Parker, G. H., X. 232.
 Parker, J. B., V. 74.
 Parker, J. R., VI. 65.
 Parker, R. R., III. 47, 61, IV. 78, 147, V. 34, 41, 71, 80, 81, 125, VI. 116, 145, VII. 82, 83, 128, VIII. 105, IX. 111, X. 123, 143.
 Parker, T., VIII. 76.
 Parkinson, W. H., IX. 56.
 Parman, D. C., III. 92, VI. 121, VII. 121, VIII. 186, X. 162.
 Parodi, S. E., VI. 74.
 Parreiras Horta, P. de Figueiredo, VII. 66.
 Parrot, A., IX. 78.
 Parrot, L., V. 156, VII. 40, VIII. 40, 181, IX. 21, 95, 170, X. 39, 50, 53, 71, 100, 102, 166, 187, 218.
 Parsons, A. C., VII. 64, VIII. 192.
 Parsons, H. H., IV. 76.
 Pasqualis, L., III. 64.
 Patel, P. G., X. 63, 81, 223.
 Patterson, R., IV. 123.
 Patton, W. S., I. 209, 210, 220, II. 28, 184, VIII. 15, IX. 14, 15, 53, 102, 103, 145, 161, 207, 208, 209, X. 17, 72, 73, 103, 136, 137, 154, 195, 196, 231.
 Pauer, W., VIII. 149.
 Pavlovsky, E. N., X. 218, 219.
 Pawan, J. L., X. 106, 131.
 Payot, E., VIII. 210.
 Peacock, A. D., IV. 133, V. 89, VII. 72, VIII. 218, X. 120.
 Pairs, L. M., IX. 132.
 Pearce, E. K., IX. 196.
 Pearson, A., IX. 32.
 Pech, M. J., I. 50.
 Pedroso, A., II. 52.
 Peets, V. 120.
 Péju, G., VII. 41, 59, VIII. 39, 81.
 Penna, B., VI. 90.
 Penna, J., X. 43.
 Pennington, M. S., VIII. 163.
 Penschke, III. 227.
 Perrier, E., II. 77.
 Perry, E. L., III. 41.
 Peryassú, A., IX. 5, 6, X. 216, 217.
 Pestico, J. F., VI. 161.
 Peters, B. A., X. 109.
 Peterson, A., VIII. 29.
 Petrie, G. F., III. 44.
 Petrocchi, J., VIII. 107.
 Pettit, G., VII. 146.
 Pettit, R. H., VIII. 124.
 Peyerimhoff, P. de, VI. 37.
 Phalen, J. M., V. 129.

- Phelps, E. B., V. 9, VI. 20.
 Phibbs, G. B., IX. 115, X. 135, 163.
 Philip, W. M., V. 150.
 Phipps, F. E., VII. 159.
 Piatti, IX. 216.
 Piccininni, F., VIII. 202, IX. 16, X. 173.
 Pick, W., V. 181.
 Pickard, F., VI. 70, 105.
 Pickels, A., VII. 64.
 Picollo, L., V. 110.
 Pielsticker, F., VI. 192.
 Pierce, C. C., V. 132.
 Pierce, W. D., VII. 20, 45, 91, 164, VIII. 158, 159, IX. 64, 86, 117, X. 170.
 Piettre, M., V. 88, VI. 29.
 Pili, R., IX. 155, X. 93.
 Pillers, A. W. N., VII. 183, VIII. 5, 112, 126, 201, IX. 11, 185, 206, X. 46, 59.
 Pilzer, V. 182.
 Piña, J. G., IX. 123.
 Pinkus, H., II. 22.
 Pino Pou, R., VI. 216, X. 158.
 Pinto, C., X. 175.
 Piot, A., VIII. 154.
 Piot Bey, J. B., V. 51, IX. 20.
 Piras, L., VI. 51, IX. 60.
 Pirie, J. H. H., II. 188.
 Pirot, R., X. 176.
 Pittaluga, G., VI. 49, 216, VII. 78.
 Piutti, A., VIII. 137.
 Pizzini, L., V. 152.
 Place, F. E., III. 209, V. 49, VI. 93, X. 144.
 Plath, O. E., VIII. 68, IX. 48.
 Plehn, A., VIII. 152, 203.
 Pliginsky, V., III. 136.
 Plotz, H., VII. 75.
 Pollard, F. J. S., VI. 139.
 Pomeroy, A. W. J., IV. 81, VIII. 164, X. 106.
 Pons, C., I. 36, 120, 140.
 Ponte, E. del, IX. 78, 197.
 Popoff-Tcherkasky, D., VI. 75.
 Popov, V. A., III. 123.
 Porta, A., II. 200.
 Porry, E., VI. 93.
 Portchinsky, I. A., I. 108, 134, 146, 149, III. 29, 195, 217, IV. 51, 88.
 Porter, A., II. 150, III. 68, IV. 43, V. 22, IX. 1.
 Porter, C. E., VI. 181.
 Postnikov, A. I., III. 122.
 Potel, R., V. 7.
 Pou, R. Pino, VI. 216, X. 158.
 Pouillaude, I., II. 134.
 Pound, C. J., VII. 114.
 Prashad, B., IV. 74, VI. 208, VIII. 31.
 Prates, M. M., VIII. 66.
 Pratt-Johnson, J., IX. 128.
 Prausnitz, W., VIII. 104.
 Prell, H., VI. 212, VIII. 121, 135, IX. 18.
 Prentice, G., II. 66.
 Price, J. D., II. 67.
 Price, T. A., X. 168.
 Pricolo, A., VII. 131, IX. 94.
 Priestley, H., III. 153, VI. 207.
 Prince, J. A. A. Le, III. 79, 108, IV. 97, V. 100, 134, VII. 7, 108.
 Pringault, E., II. 173, 179, IX. 58, 70, 89, 107.
 Puente, T. La-, III. 224.
 Pulay, E., III. 204.
 Puntoni, L., X. 46.
 Prowazek, S. von, III. 204.
 Purdy, J. S., X. 168.
 Purdy, W. C., VII. 74, VIII. 63, 64, IX. 32, 66, 131.
 Quiros, D., V. 63.
 Raabe, H., VIII. 193.
 Raadt, O. L. E. de, IV. 127, 128, 130, VI. 53, 193, VIII. 71.
 Radcliffe, L., VIII. 129.
 Raden Soetedjo, VI. 120.
 Ragazzi, C., IV. 69.
 Raghavendra Rao, R., III. 73.
 Rahmet Bey, H. T. M. K., VIII. 2.
 RAILLET, A., VI. 94, VII. 55.
 Ramakrishna Ayyar, T. V., VI. 22, IX. 79.
 Ramsbottom, J., III. 90.
 Ranck, E. M., I. 208.
 Rand, F. V., VIII. 159.
 Randier, P., X. 108.
 Randone, F., IV. 60.
 Rankin, A. C., IV. 139.
 Ransom, B. H., I. 223, IV. 63.
 Rao, R. Raghavendra, III. 73.
 Rao, S. Sundara, IX. 161, 208, 209.
 Raper, H. S., V. 153.
 Raquel, A., III. 213.
 Rasch, W., X. 190.

- Raveret-Wattel, G., VI. 73.
 Rawnsley, G. T., VI. 209, VII. 34.
 Reakes, C. J., VI. 115.
 Reddin, T. Kerry, III. 22.
 Redikortzev, V. V., X. 180.
 Regendanz, P., VI. 193.
 Regnault, F., VIII. 66.
 Reh, L., IX. 165.
 Reichenow, E., V. 119, VIII. 208,
 IX. 45, 129, X. 160, 224.
 Reid, H. A., II. 64.
 Reidy, J. B., VI. 143.
 Reiley, F. A., IX. 187.
 Reinhardt, R., V. 123.
 Reiter, H., V. 113.
 Remy, P., VIII. 188, IX. 145.
 Renault, J., III. 232.
 Rène, C., IV. 70, 158, V. 62, 116,
 122, 177.
 Rentoul, A. V. D., VIII. 164.
 Reye, IX. 60.
 Ricardo, G., II. 81, 104, III. 19,
 26, IV. 65, IX. 50.
 Rich, S. G., VIII. 34.
 Richardson, C. H., I. 94, II. 23,
 IV. 5, 106, V. 44, 72, 145, VIII.
 29.
 Richardson, E. R., VI. 222.
 Richardson, Q. H., V. 70.
 Richardson, U. F., IX. 109.
 Richter, VIII. 114.
 Richter, C., V. 16.
 Ridewood, W. G., II. 131.
 Rieck, V. 29.
 Riley, W. A., III. 216, VI. 33,
 VIII. 127, IX. 96, 105, X. 147.
 Rincones, R. Gonzáles, V. 100.
 Ringenbach, J., I. 45, II. 170,
 III. 33, 145, 200.
 Ritchie, A. H., V. 75, 131, VI.
 38, VII. 38, 178.
 Rivas, D., III. 45, VII. 131.
 Rivas, J. A., IX. 13.
 Rivera, A., VIII. 126, X. 209.
 Rizzi, M., VIII. 192, IX. 131.
 Roberg, D. N., IV. 51.
 Roberts, N., III. 45, IV. 94.
 Robertson, G. E., IV. 94.
 Robertson, J., V. 185.
 Robertson, J. C., VIII. 139, 192.
 Robertson, M., V. 85.
 Robertson, W. A. N., VII. 12.
 Robin, VI. 198.
 Robinson, G. H., I. 186.
 Robinson, H. W., IV. 194.
 Robinson, L. E., I. 104, IV. 34,
 VIII. 218.
 Robles, R., VII. 159.
 Roblin, VIII. 40.
 Roca, M., X. 157.
 Rocha-Lima, H. da, V. 100, 110,
 VI. 58.
 Rochaz de Jongh, J., I. 40, III.
 224.
 Rodenwaldt, E., X. 64, 236.
 Rodhain, J., I. 36, 91, 94, 120,
 140, II. 69, III. 144, 146, 198,
 225, IV. 15, 16, 22, 40, 56, 67,
 101, 138, V. 49, VI. 11, 34, VII.
 85, 86, 107, 117, 121, 149, 151,
 160, IX. 43, 59, 114, X. 44, 146,
 219.
 Rodinò, N., X. 158.
 Roger, J., X. 201.
 Rogers, L., II. 67, 196.
 Rook, H. de, X. 172, 179.
 Roon, K. van, VI. 36.
 Roos, J., VII. 39.
 Root, F. M., IX. 126.
 Roper, R., III. 10.
 Rosa, A. P., III. 213.
 Rose, F. G., IX. 135.
 Rosenau, M. J., I. 16.
 Rosenberger, G., X. 134.
 Rosenbusch, F., III. 205, VI. 59,
 VII. 174, 181, X. 235.
 Ross, E. H., II. 92.
 Ross, J. N. MacBean, IV. 143.
 Ross, P. H., II. 36, 188, IV. 167.
 Ross, Sir R., IV. 150, VII. 162.
 Ross, T. S., IV. 92.
 Ross, W. A., IV. 91, VII. 194.
 Rossi, G., V. 181.
 Roth, O., VI. 194.
 Roth, P. B., II. 26.
 Rothschild, N. C., II. 85, 95, III.
 112, IV. 32, 33, V. 41, VII. 164,
 VIII. 98, IX. 61, 62.
 Roubal, J., X. 6.
 Roubaud, E., I. 38, 52, 55, 69, 73,
 121, 172, 192, II. 58, 76, 91, III.
 77, 97, 98, 111, 121, 197, 199,
 IV. 22, 39, 101, 102, V. 35, 36,
 50, 87, 139, 157, 159, 162, 188,
 189, VI. 11, 101, 112, 155, 230,
 VII. 40, 79, 174, VIII. 33, 141,
 145, 166, 167, 217, IX. 90, 151,
 212, X. 12, 51, 53, 70, 101, 117,
 135, 186, 212, 219.
 Rouché, I. 187.

- Rousseau, Brocq-, VII. 182, VIII. 76.
 Rousseau, L., VI. 140, VII. 29, 30, 59.
 Row, R., X. 230.
 Roy, S. K., X. 205.
 Royer, B. F., VIII. 194.
 Rucker, W. C., III. 88.
 Rudolfs, W., X. 190.
 Ruppert, F., VIII. 211, IX. 36.
 Rüschkamp, P. F., X. 64.
 Russ, V., IX. 172.
 Russell, F. F., VII. 127.
 Russell, H., II. 17.
 Russell, W. A., VIII. 75.
 Rutherford, A., II. 89.
- Sá, C., IV. 83.
 Sá, J. L. Bras de, IX. 6.
 Saceghem, R. Van, II. 111, III. 187, V. 12, 35, 96, VI. 13, 161, 202, VII. 148, 157, 188, VIII. 90, 148, 211, IX. 70, 171, X. 50, 157.
 Sacharov, N. L., III. 22, 68.
 Sack, P., VIII. 169.
 St. John, J. H., IX. 198, X. 173.
 Salles Gomes, F. de, VIII. 52.
 Salm, A. J., II. 162, III. 224, V. 75, VI. 175, 213, IX. 107.
 Salmon, D. E., VII. 115.
 Salvestroni, VII. 158.
 Sambon, L. W., III. 130, VIII. 198, X. 180.
 Sampietro, G., VIII. 60.
 Samsonoff, VIII. 195.
 Sanborn, C. E., VI. 224, VIII. 84, IX. 48.
 Sanderson, E. D., IX. 132.
 Sani, V., III. 76.
 Sant'Anna, J. F., IV. 48.
 Santos, A. C. Dos, IV. 48.
 Sarrailhé, A., V. 37.
 Saunders, P. T., II. 174, 175, 176, III. 190, VII. 90.
 Saunders, W. H., IV. 167, 168.
 Scales, F. M., II. 178, III. 192.
 Scelsi, S., I. 98.
 Schaedel, A., VIII. 63.
 Schaffer, J. M., VIII. 149.
 Schalk, A. F., VI. 209, VII. 28.
 Schein, H., IX. 201.
 Scherber, G., V. 182.
 Schiemann, O., VI. 214, VIII. 77.
 Schiff, F., V. 113.
- Schikora, F., X. 216.
 Schilling, V., V. 28, 113, VIII. 152, X. 91.
 Schlichtegroll, VI. 55.
 Schlupp, W. F., X. 103.
 Schmidt, M., IV. 158, V. 17.
 Schmidt, R., II. 100.
 Schmidt zu Wellenburg, H. von, VI. 194.
 Schneider, F. L., IX. 192.
 Schneider, P., II. 78.
 Schoppe, W. F., VI. 65, X. 124.
 Schöppler, H., III. 197.
 Schøyen, T. H., IV. 180.
 Schuberg, A., II. 128, 169, IV. 58.
 Schöffner, W., III. 101, IV. 52, V. 27, VI. 52, 110, VII. 97, 98, VIII. 153, X. 38, 150.
 Schulze, P., VIII. 193, IX. 44, 45.
 Schumacher, F., IX. 60.
 Schumann, P., IV. 126.
 Schüssler, H., V. 112.
 Schuurmans Stekhoven, Jr., J. H., IX. 122, X. 43.
 Schwarz, L., X. 115.
 Schwetz, J., I. 31, III. 54, 120, IV. 30, 31, 43, VI. 39, 144, VII. 80, 135, VIII. 24, 42, 43, 67, X. 99, 157.
 Scordo, F., I. 29.
 Scott, E. W., VI. 240.
 Scott, H. H., III. 152, VIII. 36, 58, X. 214.
 Scott, J. T., VI. 223.
 Scott, J. W., IV. 14, V. 123, VII. 165, VIII. 92, 180, IX. 17, X. 41.
 Seale, A., VI. 7.
 Sealy, S. T., IX. 105.
 Searle, C., VIII. 60.
 Secrete, VI. 50.
 Seddon, H. R., VI. 42.
 Séguy, E., VIII. 224, IX. 38, 100, 107, 131, 144, 193, X. 23, 30, 31, 100.
 Seidelin, H., III. 12, 17, IV. 12.
 Seitz, V. 111.
 Selan, U., I. 218.
 Sella, M., VIII. 221, IX. 137, 191, X. 34, 216.
 Sellier, M., VIII. 3.
 Sen, S. K., III. 70, V. 124, VII. 26, X. 77, 81.
 Senevet, G., II. 199, III. 230, VIII. 56, 89, 108, 146, IX. 78, 140, 150, X. 147.

- Senftner, H. F., V. 170.
 Senior-White, R., VIII. 9, 160,
 IX. 106, 146, X. 80, 81.
 Sergeant, Ed. & Et., I. 113, 193,
 235, II. 90, 91, 165, 198, 199,
 200, III. 29, 33, 143, 146, 230,
 IV. 93, 134, 139, 190, V. 36, 115,
 161, 190, VI. 139, 200, 205, 211,
 229, VII. 43, 85, 122, 123, VIII.
 3, 39, 77, 166, 182, 183, IX. 81,
 89, 107, 169, 170, 181, X. 38, 39,
 47, 48, 49, 50, 70, 71, 98, 100,
 108, 118, 166, 178, 220, 236.
 Serra, A., X. 156.
 Serre, P. A., X. 31.
 Serres, J., I. 148.
 Seurat, L. G., VII. 58.
 Sewell, E., IX. 126.
 Sewell, E. P., VIII. 91.
 Seymour-Jones, A., X. 57.
 Shand, W. R., VIII. 199.
 Shannon, R. C., II. 42, X. 203.
 Sharma, H. N., X. 77, 78.
 Sheather, A. L., III. 119, VIII.
 58.
 Sherman, F., IX. 5.
 Shevirev, I., III. 105.
 Shilston, A. D., II. 17, IV. 184.
 Shipley, Sir A. E., III. 43, 44,
 80, 171, VI. 60.
 Shiraki, T., VIII. 119.
 Shircore, J. O., I. 132, II. 96, IV.
 54, 130, IX. 53.
 Shokhor, N. I., III. 124, IV. 10.
 Shoemaker, H., I. 197.
 Shortt, H. E., IX. 159, 160.
 Sigalas, R., X. 176.
 Sigler, T. A., VIII. 107.
 Sigwart, H., VII. 18.
 Sikora, H., III. 226, VI. 55, 191,
 VII. 68, 143, IX. 36, 115, X.
 229.
 Siler, J. F., III. 222, IV. 90.
 Silva, P. da, II. 176, IV. 49.
 Simmonds, H. W., X. 226.
 Simons, H., VIII. 196.
 Simpson, F., VI. 153.
 Simpson, J. J., II. 26, 93, VI. 97.
 Simpson, W. J., IV. 150.
 Simpson, W. J. R., VII. 53.
 Sinclair, J. M., II. 136, III. 211,
 IV. 73, 108, 151, 171, VI. 30,
 182, 218, VII. 129, 179, VIII.
 198.
 Singh, B. Harnam, IX. 130.
 Sinton, J. A., VI. 2, IX. 119, 163,
 179, 210, X. 74, 196.
 Sitanala, J. B., IV. 127.
 Skelton, D. S., I. 54.
 Skinner, H., I. 146, III. 149, V.
 145.
 Skriabin, J. K., IV. 24.
 Slattery, T., X. 163.
 Slooten, J. van, IX. 175.
 Small, W. D. D., V. 175, VI. 176.
 Smart, A. G. H., II. 202.
 Smillie, W. G., VIII. 184.
 Smit, H. J., X. 232.
 Smith, A. H., X. 4.
 Smith, A. J., III. 45.
 Smith, E. I., VI. 46, 210, VIII.
 162.
 Smith, Sir F., I. 78, VII. 54.
 Smith, G. S. Graham-, II. 19, 166,
 IV. 143, VI. 25, VII. 71, VIII.
 22.
 Smith, J., II. 177.
 Smith, L. F., II. 158.
 Smith, Sir P. W. Bassett-, VII.
 109, IX. 108.
 Smith, S. A., II. 71.
 Smyth, E. G., VII. 186, VIII.
 201, IX. 198.
 Snyder, T. E., V. 179, VII. 4, 20,
 62, VIII. 19.
 Sobrero, L. R., X. 60, 191.
 Soetedjo, Raden, VI. 120.
 Sohns, J. C. F., VI. 120.
 Sollmann, T., VII. 75.
 Somerville, B. M., VII. 175.
 Soparkar, M. B., VI. 130.
 Sorapure, V. E., VI. 225, VIII.
 10.
 Sorel, F., II. 5.
 Sorgdrager, G. B. Walch-, X. 38,
 179.
 Soulet, VII. 167.
 Soulima, A., III. 151.
 Sousa, J. de, X. 210.
 Southon, C. E., VII. 155.
 Southwell, T., IX. 23.
 Souza Araujo, H. C. de, VIII. 25.
 Spencer, H. A., I. 30.
 Speyer, E. R., VIII. 215.
 Splendore, A., I. 149, VIII. 201.
 Spooner, C. S., VIII. 187.
 Spreull, J., III. 57.
 Spuler, A., V. 192.
 Stadtmann-Averfeld, H., IX. 186.
 Stalder, H., VII. 125.
 Stallybrass, C. O., V. 148.

- Stanley, A., I. 232.
 Stannus, H. S., II. 35.
 Stanton, A. T., I. 5, 33, 229, III. 10, 101, 117, 228, IV. 23, V. 54, VIII. 113.
 Startz, E., IX. 62.
 Stedefeder, IV. 10, VIII. 217.
 Steel, T., VII. 173.
 Stefani, T. de, III. 152, IX. 46, 112, 121.
 Stefanopoulo, G. J., VIII. 140.
 Stefko, W., VI. 12, 13.
 Stein, A. R., X. 218, 219.
 Stein, P., VIII. 71.
 Stekhoven, Jr., J. H. Schuurmans-, IX. 122, X. 43.
 Stempell, W., V. 111, VIII. 117, 202, 212, IX. 184.
 Stephens, J. W. W., X. 61.
 Steudel, VI. 4, 76.
 Steven, W. S. R., III. 162.
 Stevenson, A. C., III. 188.
 Stevenson, A. F., V. 9, VI. 20.
 Stevenson, W. D. H., II. 196.
 Stirling, R. F., IX. 67.
 Stockman, Sir S., I. 81, VII. 17, 147, VIII. 56.
 Stokes, T. G. N., I. 218.
 Storch, O., II. 87.
 Stordy, R. J., II. 139, V. 25, 173.
 Storey, G., IV. 86, VIII. 34.
 Story, C., IX. 8.
 Stott, H., III. 222.
 Strachan, H., I. 154.
 Strauss, P., X. 176, 224.
 Strickland, C., I. 18, 102, 103, 180, 229, II. 22, 106, 190, III. 110, 117, 212, IV. 54, 66, V. 10, 81, 123.
 Strickland, E. H., I. 77.
 Strindberg, H., IX. 43.
 Strisower, R., VII. 77.
 Strong, R. P., IX. 137.
 Strong, W. M., IX. 216, X. 119.
 Stub, C., VIII. 82.
 Sturgess, G. W., IV. 123, VI. 42.
 Sturtevant, A. H., VIII. 1, X. 124.
 Sugai, C., VIII. 138.
 Suhr, A. C. H., III. 86.
 Suldey, E. W., V. 19, VI. 72.
 Summers, S. L. M., I. 131.
 Summers-Connal, S., III. 12.
 Sundara Rao, S., IX. 161, 208, 209.
 Sunier, A. L. J., IX. 36.
 Surcouf, J. M. R., I. 106, II. 36, 156, IX. 37, 143, X. 30, 31, 82, 110.
 Surface, H. A., II. 92, III. 118.
 Susini, A., VIII. 62.
 Sutton, H., X. 168.
 Sviridov, D., III. 197.
 Swaminath, C. S., VIII. 160.
 Sweet, G., IV. 70, VI. 42.
 Swellengrebel, N. H., I. 87, II. 115, III. 34, 204, IV. 127, V. 26, 33, VI. 53, 110, 214, VII. 19, 76, 97, 98, 183, VIII. 53, 55, 79, 123, 136, 152, 153, 162, 176, 218, IX. 3, 4, 173, 216, X. 20, 113, 149, 200.
 Swellengrebel de Graaf, J. M. H., VII. 97, 98, 183, VIII. 53, 123, 136, 152, 162, 176, 218, IX. 3, 4.
 Swenk, M. H., IV. 169.
 Swezey, O. H., IX. 181.
 Swingle, L. D., I. 225, II. 68, III. 175.
 Swynnerton, C. F. M., IX. 97.
 Symons, S. T. D., V. 24.
 Takatsuki, A., VI. 135, VII. 148.
 Takaugi, S., IX. 95.
 Takeda, S., X. 45.
 Talbot, G., VII. 72, VIII. 33, 177.
 Taliaferro, W. H., X. 109.
 Tamayo, L. Espinosa-, VI. 192.
 Tamiya, T., X. 107.
 Tanaka, K., VI. 50.
 Tänzer, E., VIII. 62, IX. 68, X. 6, 211.
 Tarassevitch, L. A., III. 114, V. 109.
 Tarbett, R. E., VIII. 64.
 Taute, M., I. 178, VIII. 46.
 Taylor, F. H., I. 11, II. 11, 93, 135, 149, III. 30, 37, IV. 10, 30, 91, 183, V. 54, 67, 94, VI. 73, 118, 227, 238, VII. 12, 62, 139, 175, X. 109.
 Taylor, H. A., VI. 136, X. 29.
 Taylor, J., II. 196, III. 73.
 Taylor, J. F., VIII. 4.
 Taylor, M., VI. 107.
 Tcherkasky, D. P., VI. 75.
 Teichmann, E., I. 168, II. 138, V. 130, VI. 57, VII. 126, VIII. 121, 168.
 Teissonnière, VII. 30.
 Tejera, E., VIII. 2, 16, 145, 147, 183, 185, IX. 12.

- Telfer, E., II. 75.
 Tenjin, S., X. 107.
 Teodoro, G., VI. 187.
 Tetley, H., VI. 99.
 Thargetta, VII. 79.
 Theiler, Sir A., I. 82, 139, IV. 27, V. 185, VIII. 8, IX. 83, 138.
 Theobald, F. V., I. 140, II. 35, 45, 51, III. 184.
 Thibault, Jr., J. K., III. 81, VI. 218.
 Thiel, P. H. van, X. 200, 201.
 Thompson, A. G. G., VIII. 197.
 Thompson, J. B., II. 126.
 Thompson, R. L., III. 163.
 Thomson, D., I. 125, 203, II. 116, V. 154.
 Thomson, F., VI. 102.
 Thomson, J. D., III. 74.
 Thornton, L. H. D., VII. 176.
 Ticho, A., VI. 55.
 Tiegs, O. W., IX. 215, X. 1, 133.
 Todd, J. L., I. 50, III. 6, 103, VIII. 191, IX. 31, 137, X. 189.
 Todd, R. E., III. 44.
 Toit, P. J. du, V. 121, VIII. 45, 46, 151, 191.
 Tonnelier, A. C., VI. 180.
 Tonnoir, A., IX. 88, X. 8.
 Tonomura, K., VI. 195.
 Töpfer, H., V. 111, 112, VI. 215.
 Torrance, F., VII. 150, IX. 81, 113.
 Torres, M., IV. 37.
 Torres, T., II. 164.
 Tothill, J. D., V. 41.
 Tournaire, P., VII. 146.
 Tovar, M. Nuñez, IX. 12, 13.
 Tower, W. V., X. 59.
 Townsend, C. H. T., I. 163, 203, 221, II. 29, 48, 59, 144, 176, 186, III. 194, IV. 63, 65, 96, 122, 123, 159, V. 82, 179, VI. 189, VII. 133, VIII. 52, IX. 207.
 Toyoda, S., VI. 50.
 Trägårdh, I., I. 223.
 Trask, J. W., V. 31.
 Treadgold, C. H., VI. 175.
 Treherne, R. C., V. 119.
 Trigo, P., VII. 142, X. 24, 235.
 Troop, J., IX. 109.
 Tryon, H., V. 10, VIII. 73, 74, IX. 215.
 Tuck, G. K., I. 190.
 Tucker, E. S., II. 57.
 Tucker, G., VI. 102.
 Tullgren, A., III. 31, VII. 157.
 Tullidge, E. K., V. 31.
 Turner, R. E., III. 118, IV. 116, V. 2, VI. 40, VIII. 113.
 Turner, W. F., III. 88.
 Tyzzer, E. E., IX. 8.
 Urbain, G., V. 13.
 Uriarte, L., VIII. 129, IX. 112.
 Urich, F. W., II. 24, III. 185, X. 214.
 Vago, H. A., VI. 172.
 Vaillard, I. 191, II. 111.
 Valadez, S. M., IX. 2.
 Valerio, B. Galli, I. 40, II. 161, III. 224, 226, V. 42, VI. 52, 76, 172, VII. 125, X. 7, 8, 92, 172.
 Valladares, J. F., II. 104.
 Valle, V., VII. 156.
 van Breemen, M. L., VI. 53, VII. 96, IX. 36.
 Van den Branden, F., I. 36, 120, 140, IV. 101, VI. 11, 34, VIII. 17, 24, X. 146.
 Van den Eeckhout, M. A., VII. 136.
 van der Heyden, N. H., V. 27, VI. 156.
 Vanderijst, P. H., I. 93.
 Van Dine, D. L., III. 80, X. 46.
 Van Es, L., VI. 209, VII. 28.
 van Gorkom, W. J., VII. 39.
 Van Hoof, L., VI. 33, X. 146.
 van Laaren, G. F., X. 120.
 van Loghem, J. J., X. 5.
 van Lonkhuijzen, J. J., IX. 190.
 van Loon, F. H., X. 5.
 van Roon, K., VI. 36.
 Van Saceghem, R., III. 187, V. 12, 35, 96, VI. 13, 161, 202, VII. 149, 157, 188, VIII. 90, 148, 211, IX. 70, 171, X. 50, 157.
 van Slooten, J., IX. 175.
 van Thiel, P. H., X. 200, 201.
 Van Zwaluwenburg, R. H., V. 64, VI. 179, VII. 52.
 Vanes, L., VI. 209.
 Varadhachari, B. V., III. 73.
 Vasconcellos, A. de, VIII. 187.
 Vasilev, I. V., I. 193.
 Vassal, J. J., III. 101.
 Vaughan-Kirby, F., V. 172.
 Vécsei, F., IV. 61.
 Veenendaal, X. 214.
 Veitch, R., X. 76.

- Velu, H., IV. 164, V. 97, VI. 82,
 VII. 86, 125, 134, VIII. 109, IX.
 90.
 Venables, E. P., II. 129.
 Verco, J. C., V. 64.
 Verdun, P., VI. 197.
 Vermeesch, M., III. 186.
 Verney, L., VI. 40.
 Verteuil, E. de, X. 221.
 Vialatte, C., II. 90, III. 33, IV.
 156, IX. 150, X. 47, 48, 53, 236.
 Vienne, M., VII. 137.
 Vigel, VI. 42.
 Vigne, P., IX. 89.
 Villela, E., VI. 217.
 Villeneuve, J., IV. 16, 125, 126, V.
 83, VI. 113, 177, VII. 99, IX.
 145, 180.
 Vincent, G. E., VII. 162.
 Vinet, C., I. 234.
 Vishniakov, T. A., IV. 51.
 Viton, A., X. 141, 149.
 Vleming, E., VII. 41.
 Vogel, R., VI. 191, IX. 193, X.
 212.
 Vogel, W. T. de, IV. 130.
 von Bassewitz, E., VIII. 102,
 IX. 130.
 von Benczúr, J., V. 111.
 von Celebrini, E., II. 97.
 von Ezdorf, R. H., II. 161, 162,
 IV. 77.
 von Ihering, R., V. 28.
 von Marschalko, T., III. 203.
 von Prowazek, S., III. 204.
 von Schmidt zu Wellenburg, H.,
 VI. 194.
 von Wasielewski, T., VIII. 62.
 Vrijburg, A., VII. 130.
 Wagner, J., IV. 151.
 Walch, E., X. 38, 179.
 Walch-Sorgdrager, G. B., X. 38,
 179.
 Walden, B. H., V. 104, VI. 190,
 VII. 133, VIII. 138, X. 133.
 Walden, W. M., X. 228.
 Waldow, VI. 173.
 Walker, E. L., III. 65, V. 182,
 IX. 8.
 Walker, E. M., IX. 1, X. 227.
 Wallace, F. N., X. 123.
 Walling, W. A. B., III. 180.
 Wallis, T. E., X. 85.
 Walsh, J. H. T., VI. 84.
 Walter, E., X. 212.
 Walter, E. V., VII. 25.
 Walton, W. R., VII. 128.
 Wanhill, VII. 176.
 Warburton, C., I. 154, IV. 34, VI.
 188, VII. 69, VIII. 219.
 Ward, H. B., VI. 188.
 Ward, W. F., II. 188.
 Wardle, R. A., IX. 139.
 Warnock, J., VI. 209, VII. 34.
 Washburn, F. L., IV. 152, VII.
 132.
 Wasielewski, T. von, VIII. 62.
 Wassilewsky, W. J., X. 69.
 Waterfield, N. E., VI. 61.
 Waterston, J., III. 117, 134, 142,
 IV. 65, 121, 166, V. 2, 68, 69, VI.
 40, 162, VII. 57, X. 8, 30, 67,
 125, 142, 214.
 Watson, D. P., II. 119, 185, 186,
 188.
 Watson, J. R., IX. 50.
 Watson, M., II. 46, 47, 72.
 Wattel, G. Raveret-, VI. 73.
 Watts, H. R., VII. 95.
 Wawrinsky, X. 157.
 Wayson, N. E., III. 46.
 Webb, J. L., II. 157, VIII. 130,
 IX. 141.
 Webb, P. T., II. 143.
 Webber, H. J., IX. 132.
 Webster, F. M., II. 177.
 Weck, I. 76.
 Weichel, A., VI. 120.
 Weidenfeld, S., III. 204.
 Weidman, F. D., IV. 40, V. 64.
 Weidner, E., VI. 55.
 Weinberg, M., VIII. 151.
 Weiss, A., I. 43, 200, V. 87, VI.
 28, VII. 151, IX. 52.
 Weiss, H. B., I. 22, 37, III. 154.
 Welch, P. S., VI. 32.
 Weldon, R. P., VI. 85.
 Wellenburg, H. von Schmidt zu,
 VI. 194.
 Wells, R. W., VII. 128, X. 122.
 Wenyon, C. M., I. 1, 131, II. 7, 64,
 III. 188, V. 117, 151, IX. 32,
 X. 8, 9, 13.
 Werner, H., V. 62, VI. 54, 56, 76,
 IX. 18.
 Wernicke, R., IX. 197.
 Wesenberg, G., III. 227.
 Wesenburg-Lund, C., VI. 182, VII.
 170, VIII. 83, IX. 82, 153, 154.
 Westphalen, IX. 60.
 Wharton, L. D., VII. 45.

- Whitaker, H. D., III. 38.
 White, A., III. 126, V. 66.
 White, E. E. D., VI. 41.
 White, F. N., VI. 220.
 White, M. J., VII. 76.
 White, R. Senior-, VIII. 9, 160,
 IX. 106, 146, X. 80, 81.
 Whitfield, A., IV. 46.
 Whiting, P. W., II. 89.
 Whitney, C. P., III. 25.
 Wicherski, O. G., VI. 32.
 Wickware, A. B., X. 82, 139.
 Widmann, E., IV. 87, VIII. 103.
 Wiese, O., VI. 54, 215.
 Wigdor, M., VI. 183.
 Wilhelmi, J., VI. 174, VIII. 103,
 122, 135, 168, 217, 220, IX. 28,
 44, 89, 165.
 Wilkins, S. D., VIII. 204.
 Willcocks, F. C., II. 163, VI. 239.
 Wille, J., X. 37.
 Williams, C., II. 181, III. 219, X.
 129.
 Williams, C. B., IX. 175.
 Williams, C. L., VIII. 65.
 Williams, T. H., III. 142, VI. 80,
 VII. 60, 175, VIII. 52, 138.
 Williamson, G., VIII. 220.
 Williamson, M. J., III. 58.
 Willoughby, W. G., VI. 116.
 Willoughby, W. M., VI. 60.
 Wilson, C. E., IX. 150.
 Wilson, H. C., II. 153.
 Wilson, J. A., VII. 94.
 Wilson, R. M., VI. 225, VIII. 10.
 Winckel, C. W. F., VII. 96.
 Winn, A. F., III. 155.
 Winship, E., IX. 28.
 Winslow, C. E. A., I. 149, 227.
 Wise, K. S., VIII. 189.
 Wolbach, S. B., IV. 154, V. 31,
 80, VII. 84, IX. 137, X. 26,
 189.
 Wolfel, K., IV. 47.
 Wollman, E., VII. 140, VIII. 36,
 IX. 71, 173.
 Woo, S. M., IX. 33.
 Wood, E. J., I. 186.
 Wood, H. P., I. 2, 160, II. 2, V.
 173, VI. 89, VIII. 14, 75, 84,
 X. 227.
 Wood, J. Y., IV. 44.
 Woodcock, H. M., III. 129, VI.
 85, VII. 102.
 Woodward, T. E., III. 88.
 Woosnam, R. B., II. 37, 83.
 Wright, E. H., VIII. 5.
 Wright, H. D., VIII. 197.
 Wright, R. E., II. 154, VI. 129,
 IX. 105.
 Wright, W., V. 24.
 Wrightson, W. D., III. 173.
 Wuelker, G., VIII. 62.
 Würtz, I. 50.
 Wyler, E. J., IV. 148.
 Yakimoff, W. L., I. 55, III. 124,
 202, IV. 101, V. 95, 98, 99, X.
 69, 70, 99, 102.
 Yamada, S., IX. 117, X. 147.
 Yamaguchi, K., VI. 195.
 Yamaguchi, M., IX. 161, X. 41.
 Yamaguchi, S., VI. 21.
 Yerbury, J. W., I. 69.
 Yofé, H., IX. 192.
 Yorke, W., I. 41, 42, 168, II. 131,
 III. 177, 178, 179, VIII. 97,
 IX. 54.
 Young, A., VI. 60.
 Young, A. R., VIII. 206, IX. 69.
 Young, A. W. C., II. 191.
 Young, C. J., IX. 201, 202, X.
 234.
 Young, C. W., X. 191.
 Young, D., IX. 24.
 Young, T. C. M., I. 112.
 Zabala, J., VII. 174.
 Zammit, T., VI. 43, 190.
 Zetek, J., I. 105, II. 101, III. 223,
 V. 1, 140, VIII. 32, 175, 186,
 X. 11, 221.
 Zibordi, D., X. 88.
 Ziemann, H., IX. 78.
 Zotta, G., IX. 123, 144, 154.
 Zucker, A., III. 225.
 Zuelzer, M., IX. 213, X. 28.
 Zupitza, M., II. 174, VIII. 170.
 Zupnik, L., III. 204.
 Zwaluwenburg, R. H. Van,
 V. 64, VI. 179, VII. 52.

INDEX TO NAMES OF ARTHROPODS.

A.

- abascanta*, *Wyeomyia*.
abdominalis, *Cephenomyia*; *Culex* (*Culicelsa*) (see *C. bitaeniorhynchus*); *Dohrniphora*; *Goniocotes* (see *G. gigas*).
abfitchi, *Aedes* (*Ochlerotatus*) (see *A. excrucians*).
abnormalis, *Aedes* (*Aedimorphus*, *Bathosomyia*, *Ochlerotatus*).
abominator, *Culex* (*Melanoconion*) (see *C. erraticus*).
aborensis, *Haemaphysalis*.
aboriginis, *Aedes* (*Ochlerotatus*).
Abraxas grossulariata, L., *Nosema apis* pathogenic to, II. 45.
abrupta, *Hemilexomyia*.
abruptus, *Thyridanthrax*.
absobrina, *Theobaldia* (see *T. impatiens*).
abstersus, Tayl., *Tabanus* (see *T. doddi*).
abstersus, Wlk., *Tabanus*.
abyssinica, *Haematopota*.
Acalleoemyia obscura (see *Culex*).
Acanthaspis sulcipes, F., not infected with trypanosomes in Belgian Congo, I. 141; possible relation of, to goitre in Africa, IV. 139.
Acanthia (see *Cimex*).
Acanthocera, notice of key to Brazilian species of, IV. 37.
Acanthocera anacantha, Lutz & Neiva, in Brazil, VI. 90.
acanthocolpum, *Atrichopogon*.
Acanthoconops, gen. n., IX. 133. (See *Styloconops*).
acanthopus, *Hoplopleura*.
Acarapis, gen. n., IX. 196.
Acarapis woodi, Rennie, IX. 196; and Isle of Wight disease in bees, X. 129.
Acartomyia mariae (see *Aedes*).
Acarus autumnalis (see *Leptus*).
Acarus foenarius, Koch, injurious to domestic animals in fodder, VIII. 134.
Acarus marginatus, F. (see *Ixodes ricinus*).
Acarus muscarum, L., parasite of *Musca convexifrons* (*Iusoria*) in Australia, X. 14.
Acarus scabiei (see *Sarcoptes*).
acasta, *Melittobia*.
accensus, *Tabanus*.
accraensis, *Culicoides*.
acer, *Tabanus*; *Taeniorhynchus* (*Chrysoconops*) (see *T. brevicellulus*).
Achorutes viaticus, L., bionomics and rôle of, in sewage purification, IX. 56.
Achroia grisella, L., larvae of, immune from tubercle bacilli, II. 54.
aciculifer, *Haemaphysalis*.
Acilius, destroying mosquito larvae in Macedonia, X. 142.
Acilius sulcatus, L., predacious on larvae of *Culex* in Russia, V. 84.
aconitus, *Anopheles* (*Myzomyia*) *minimus*.
acosmetum, *Atrichopogon*.
acrophilus, *Aedes*.
actaeon, *Hypoderma*.
aculeatus, *Haematopinus* (*Polyplax*).
acuminata, *Aelia*.
acutidens, *Odontomachus ruficeps*.
acutus, *Ceratophyllus*.
Adalia obliterata, L., in houses in Britain, IV. 102.
adelaidae, *Tabanus*.
adelpha, *Leptopsylla*.
Ademon decrescens, Nees, parasite of *Simulium aureum* in Germany, IX. 104.
adersi, *Aedes* (*Ochlerotatus*); *Simulium hirsutum*.
Adersia oestroides, Karsch, in Somaliland, III. 136; in Zanzibar, III. 50.
adpropinquans, *Systemus*.
Aedes, in Arctic Regions, VII. 196; in Canada, IX. 113, X. 19; in Florida, II. 78; in Oriental Region, X. 197; distribution of subgenera of, in Palaearctic Region, X. 18; in West Indies, V. 54, 61; classification of, V. 52, VI. 142, IX. 9, 87, 113, X. 18, 197; methods of breeding, IX. 115.
Aedes (*Ochlerotatus*), pupal characters of, V. 167; notice of key to French species of, IX. 131; substitution of, for *Heteronychia*, IX. 87.

- Aedes* (*Stegomyia*), respiration of larvae of, II. 107; pupal characters of, V. 167; possibly transmitting dengue, I. 207, V. 37, X. 92; transmitting horse sickness, VI. 161; effect of *Chara* on, VIII. 61, X. 221; surveys of, in India and Far East, I. 190, II. 110, 142.
- Aedes abfitchi*, Felt (see *A. excrucians*).
- Aedes* (**Aedimorphus*, *Bathosomyia*, *Ochlerotatus*) *abnormalis*, Theo. (*minutus stenoscutus*, Edw.), in Gold Coast, V. 3.
- Aedes* (**Ochlerotatus*) *aboriginis*, Dyar, described as new from U.S.A., VI. 7; in Canada, VIII. 101.
- Aedes* (**Ochlerotatus*) *acrophilus*, Dyar, described as new from Alberta, VI. 9; in Colorado, VI. 146.
- Aedes* (**Aedimorphus*, *Diceromyia*, *Ochlerotatus*) *adversi*, Edw., described as new, V. 53; in Zanzibar, V. 53, VI. 123.
- Aedes aegypti*, L., considered an earlier name for *A. argenteus* (*fasciatus*) (*q.v.*), IX. 51.
- Aedes* (*Ochlerotatus*) *aestivalis*, Dyar, breeding-places of, in Canada, VI. 178; in U.S.A., VI. 8; possibly a synonym of *A. sticticus*, X. 131.
- Aedes* (**Stegomyia*) *africanus*, Theo., in Belgian Congo, III. 121; in Nigeria, IV. 66, 112, V. 39, VI. 225; in Sierra Leone, IV. 45.
- Aedes* (**Ochlerotatus*) *albescens*, Edw., described as new from Siberia, X. 18.
- Aedes* (*Culicelsa*) *albirostris*, Macq., in Australia, I. 11, IX. 75; in New Zealand, IX. 75.
- Aedes* (**Finlaya*, *Leucomyia*) *albitarsis*, Tayl., described as new, II. 135; in Papua, II. 135, III. 153.
- Aedes* (*Culicelsa*, **Finlaya*, *Ochlerotatus*) *alboannulatus*, Macq., in Australia, I. 11, III. 37, 207, IV. 182; breeding-places of, IV. 182.
- Aedes* (*Danielsia*, *Finlaya*, **Macleaya*) *alboannulatus*, Tayl., described as new from Australia, I. 11; a synonym of *A. tremula*, *q.v.*
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *albocephalus*, Theo., in E. Africa, VIII. 164; in W. Africa, IV. 120, V. 3, VI. 38; in Natal, IV. 120; breeding-places of, VI. 38.
- Aedes* (*Culex*, **Ochlerotatus*) *albofasciatus*, Macq., in Argentina, VII. 107; habits of, in Brazil, VIII. 25.
- Aedes* (**Stegomyia*) *albopictus*, Skuse (*scutellaris*, Theo. nec Wlk., *lam-berti*, Ventr.), in Australia, III. 37, IV. 2, 60, V. 68, X. 233; in Ceylon, II. 70; in China, I. 232, 236, II. 28, 111, III. 141, IV. 39; in Cochinchina, II. 155; and potential establishment of yellow fever in Far East, II. 28, X. 103; in Formosa, VI. 50; in Hawaii, V. 17, VI. 163; in India, I. 79, 143, 162, 163, II. 193, III. 40, V. 39, VI. 64, 196, IX. 80, 124, X. 67, 68, 77; in Dutch East Indies, IV. 23, VI. 213, X. 95; in Madagascar, VII. 17, IX. 68; in Malaya, IX. 190, X. 57, 58, 207, 208, 225; in Mauritius, X. 225; in New Guinea, III. 153; in Philippines, VII. 193; in Singapore, II. 28; experimental transmission of dengue by, VI. 195; and filariasis, II. 155, X. 95, 225; doubtfully associated with influenza, V. 17; anatomy of, IV. 74; biting habits of, I. 162, VII. 63; breeding-places of, I. 143, III. 40, 141, VI. 64, X. 57, 67, 207, 208; oviposition of, V. 39, VII. 27, 46, IX. 80, X. 57, 77; parasites of, IX. 190, X. 58; respiration of, III. 70; larvicides against, II. 142, X. 67, 77.
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *alboscuteclatus*, Theo. (*Reedomyia pampangensis*, Ludl.), in Australia, IV. 11, V. 68, VI. 73; described as *A. omurensis*, sp. n., in Japan, X. 147, 154.
- Aedes* (**Aedimorphus*, *Ochlerotatus*, *Protomacleaya*) *alboventralis*, Theo., in Belgian Congo, III. 121.
- Aedes* (**Ochlerotatus*) *aldrichi*, D. & K., in Canada, VIII. 140, IX. 86, X. 127, 167; in U.S.A., VI. 8, 146, 223, IX. 51; breeding-places of, VI. 8, IX. 51, 86, X. 127, 167; *A. aestivalis* not a synonym of, X. 131.
- Aedes* (**Ochlerotatus*) *aloponotum*, Dyar, described as new from U.S.A., VI. 7.
- Aedes* (**Ochlerotatus*) *alpinus*, L. (*Culex nigripes*, Zett.), described as

- A. nearcticus*, sp. n., from Arctic Regions, VII. 196; in Denmark, VII. 171; possibly occurring in Finland, X. 166; in Germany, X. 36; in Greenland, VI. 86, IX. 82; in Lapland, VI. 86; in Sweden, X. 87; described as *A. innuitus*, sp. n., VI. 86; bionomics of, VII. 171, X. 36; gills of larva of, X. 100, 128; synonymy of, VIII. 102, X. 18, 131.
- Aedes* (**Ochlerotatus*) *altiusculus*, Dyar, described as new from U.S.A., VI. 7.
- Aedes* (**A.*) *andamanensis*, Edw., described as new from Andamans, X. 197.
- Aedes* (**Ochlerotatus*) *angustivittatus*, D. & K., in Costa Rica, X. 31.
- Aedes* (*Culex*, *Culicada*, **Ochlerotatus*) *annulipes*, Mg. (*quartus*, Mart.), in Denmark, VII. 171; IX. 82; in Germany, II. 78, VII. 69, VIII. 214, IX. 29, 35; in Pyrenees, VIII. 76; in Sweden, X. 87.
- Aedes* (*Culicada*, **Ochlerotatus*) *annulipes*, Tayl. (see *A. camporhynchus*).
- Aedes* (**Ochlerotatus*) *antipodeus*, Edw., described as new from New Zealand, VIII. 48.
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *apicoannulatus*, Edw., in W. Africa, IV. 44, 163, VI. 16, 38, X. 226; breeding-places of, IV. 163, VI. 38.
- Aedes* (**Stegomyia*) *apicoargenteus*, Theo., in W. Africa, II. 27, IV. 45, V. 45; in Belgian Congo, I. 220, III. 121.
- Aedes* (**Finlaya*) *arboREALIS*, B.-W. & B., described as new from Dutch Guiana, VIII. 60.
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *argenteopunctatus*, Theo., breeding-places of, in S. Africa, VIII. 9; in Nigeria, IV. 66.
- Aedes* (**Stegomyia*) *argenteus*, Poir. (*aegypti*, L., *calopus*, Mg., *fasciata*, F., *rossi*, Giles), in E. Africa, VIII. 164, X. 94, 223; in S. Africa, IV. 120, IX. 128; in W. Africa, I. 52, II. 27, 58, 84, 93, 117, 135, III. 1, 12, 188, IV. 21, 44, 45, 66, 81, 112, 148, 150, 159, 161-164, 165, V. 3, 39, 45, VI. 15, 16, 47, 48, 202, 225, VII. 81, 169, VIII. 11, 12, 217, IX. 21, 42, X. 114, 167, 225, 226, 234; in Argentina, V. 113, VII. 181, VIII. 163; in Australia, I. 11, II. 12, III. 30, 37, 207, IV. 10, 11, 60, 73, 135, 148, 149, 196, V. 68, VI. 62, 227, VII. 61, 176, VIII. 38, 173, IX. 118, 128, X. 168, 233; in the Balkans, IV. 179, V. 87, VI. 162, 201, VIII. 87; in Belgian Congo, III. 121; on Black Sea Coast, VI. 78; absent from Biskra, III. 230; in Brazil, II. 164, III. 70, IV. 37, VI. 91, VIII. 25, IX. 202, X. 158, 233; in Canary Islands, X. 31; in Ceylon, II. 70, IX. 147; in Cochinchina, I. 57; intercepted from Colombia, IX. 108; in Costa Rica, X. 31; in Crete, IX. 82; in Ecuador, IV. 149, VI. 30, 192, VII. 162, IX. 6, 128, X. 4; in Egypt, III. 10, VIII. 35, IX. 99; found in Epping Forest, VIII. 13; in Far Eastern ports, I. 236, II. 28, 111, III. 141, IV. 39, VIII. 113, X. 103; in Fiji, IV. 41, X. 77; in Formosa, VI. 50; in S. France, IV. 40, VI. 23; in British Guiana, I. 125, VII. 134, 179, IX. 2, 135, X. 33, 217; in Dutch Guiana, VII. 6; in French Guiana, VI. 160; in Hawaii, V. 17, VI. 163, IX. 38; in India, I. 79, 143, 162, 163, 219, II. 193, III. 40, 162, IX. 124, 125, X. 68, 79; in Dutch E. Indies, IV. 23, VI. 213; in Italy, VI. 51; probably not occurring in Japan, X. 154; in Madagascar, VII. 16, 17, IX. 68; in Malaya, X. 158; in Mesopotamia, VII. 102, VIII. 111, IX. 146; in Mexico, III. 11, IX. 121; in Morocco, IV. 40, 85; not occurring in New Zealand, VII. 180, IX. 75; in Palestine, II. 100, IX. 99; in Panama Canal Zone, IV. 97, VII. 127, VIII. 32, 186, IX. 108; in Papua, III. 153; in Peru, III. 25, X. 130; in Philippines, VII. 103, 193; in Principe, IV. 49; in Samoa, II. 51; in Somaliland, II. 7; in Sudan, V. 179, VII. 111; in Syria, VI. 217, IX. 99; in Tunis, VI. 106; in U.S.A., IV. 61, 136, VI. 210, VIII. 58, 78, 116, 187; in Venezuela, X. 62; in West Indies, I. 99, 112, 125, II. 13, 24, III. 2, 69, 83, 222, IV. 69, V. 53, 60, IX. 150, X. 59; in Zanzibar, III. 49, V. 147, VI. 123; a possible carrier of Baghdad boil, VII. 102; and dengue, IV. 73, 148, 149, 196, V. 68, 113, 153, VI. 13, 213, VII. 7, 17, 61, IX. 127, 128; and

- filariasis, I. 57-59, III. 5, V. 147, VI. 123, VIII. 173, IX. 42; *Filaria bancrofti* not developing in, VIII. 116, X. 180; and leprosy, I. 36; and *Leptospora icteroides*, VIII. 79, IX. 21, 76; not transmitting oriental sore, IX. 82; seven-day fever possibly due to, I. 219; and three-day fever, VI. 217; mechanical transmission of trypanosomes by, II. 58; trypanosomes unable to survive in, VI. 34; and yellow fever, I. 52, 231, II. 28, 109, 133, 160, 189, III. 12, 25, 26, 70, 83, IV. 12, 40, 59, 66, 99, 110, 135, 148, 149, 150, 159, 165, V. 49, 135, 153, VI. 48, 202, VII. 103, 162, VIII. 79, 95, IX. 71, 108, 128, 201, 206, X. 4, 31, 59, 130, 158; anatomy of, VIII. 50, X. 100, 231; bionomics of, II. 7, 160, III. 12, IV. 27, 161-163, V. 57, VIII. 38; breeding-places of, II. 82, 158, 160, III. 10, 40, 49, IV. 45, 97, 136, 148, V. 53, VIII. 11, 12, IX. 42, 118, X. 33, 59, 100, 223; experiments with eggs of, III. 187, IV. 116, V. 74, 155, VI. 108; feeding habits of, IX. 201, X. 233; effect of heat and cold on, VIII. 156, 202, X. 75; suitable for breeding in laboratory, IX. 115; natural enemies of, II. 7, III. 188, IV. 163, VI. 16, VIII. 163, 189, X. 4; effect of saline waters on, II. 84, X. 61; on ships, IV. 37, 45, 148, V. 136; measures against, I. 231, IV. 81, VIII. 32, IX. 6, 38, 71, 108, 121, 204; repellents for, VI. 69, VII. 72-74, VIII. 171; effect of chlorine on, V. 47; experiments with kerosene against larvae of, V. 55-57; pyrethrum not repellent to, IV. 61; earlier name for, IX. 51.
- Aedes argenteus atritarsis*, Edw., in Gold Coast, VIII. 50.
- Aedes argenteus luciensis*, Theo., in French Guiana, VI. 160.
- Aedes* (**Finlaya*) *argyrithorax*, B.-W. & B., described as new from Dutch Guiana, VIII. 60; allied to *A. terreus*, X. 55.
- Aedes* (*Ochlerotatus*, **Pseudoskusea*) *ashworthi*, Edw., described as new from W. Australia, IX. 133.
- Aedes* (**Stegomyia*) *ater*, Tayl., described as new, II. 135; referred to *Rachionotomyia*, q.v.
- Aedes* (**Finlaya*) *auridorsum*, Edw., described as new from Australia, X. 153.
- Aedes* (*Culex*, **Ochlerotatus*) *aurifer*, Coq., in U.S.A., I. 22, IV. 170; breeding-places of, IV. 170.
- Aedes* (**Skusea*) *aurimargo*, Edw., described as new from Australia, X. 153.
- Aedes* (**Ochlerotatus*) *auroides*, Felt, in U.S.A., V. 161.
- Aedes* (**Finlaya*) *auronitens*, Edw., described as new from India, X. 197.
- Aedes* (**Finlaya*, *Leucomyia*) *australensis*, Theo. var. *papuensis*, Tayl., in Papua, III. 153.
- Aedes* (*Culex*, **Ochlerotatus*) *australis*, Erich., in New South Wales, III. 37, 207, IV. 182.
- Aedes* (**Aëdimorphus*) *australis*, Tayl. (see *A. tremula*).
- Aedes australis darwini*, Tayl. (see *A. tremula*).
- Aedes* (**Skusea*) *bancrofti*, Tayl., described as new from Queensland, III. 37.
- Aedes* (**Finlaya*) *banksi*, Edw., described as new from Philip-pines, X. 197.
- Aedes* (**Pseudoskusea*) *basalis*, Tayl. (see *A. funereus*).
- Aedes* (**Ochlerotatus*) *berlandi*, Séguy, described as new from France, IX. 193; a variety of *A. pulchritarsis* (q.v.), X. 154.
- Aedes* (**Aëdimorphus*, *Ochlerotatus*) *bevisi*, Edw., described as new, III. 115; in Natal, III. 115, IV. 120.
- Aedes* (**Ochlerotatus*) *bimaculatus*, Coq., larva of, in N. Carolina, VII. 106, IX. 51.
- Aedes* (*Culex*, **Finlaya*) *biocellatus*, Tayl., described as new, III. 30; in Australia, III. 30, 37, 207.
- Aedes* (*Grabhamia*) *broquettii*, Theo. (see *A. dorsalis*).
- Aedes* (**Stegomyia*) *buscki*, Coq., breeding-places of, in Grenada, V. 54.
- Aedes butleri*, Theo., in Philippines, VII. 193.
- Aedes* (*Grabhamia*, **Ochlerotatus*) *caballus*, Theo., described as new, I. 140; in Transvaal, I. 140, IX. 128.
- Aedes* (**Pseudoskusea*) *cairnsensis*, Tayl., in Queensland, VII. 139.
- Aedes* (**Aëdimorphus*, *Ochlerotatus*) *caliginosus*, Grah., in W. Africa, IV. 66, 150, IX. 42.

- Aedes* (**Ochlerotatus*) *callithotrys*, Dyar, described as new from Canada, VIII. 101.
- Aedes calopus*, Mg. (see *A. argenteus*).
- Aedes* (**Ochlerotatus*) *campestris*, D. & K., in U.S.A., VI. 8, 165, IX. 9; breeding in salt marshes, IX. 9.
- Aedes* (**Ochlerotatus*) *camposanus*, Dyar, described as new from Ecuador, VII. 22.
- Aedes* (**Ochlerotatus*) *camptorhynchus*, Thoms. (*annulipes*, Tayl., *Culicada inornata*, Strick.), described as *A. victoriensis*, sp. n., from Queensland, III. 30; in Australia, IV. 11, 182, VI. 74.
- Aedes* (*Culex*, **Ochlerotatus*) *canadensis*, Theo., in Canada, III. 155, VI. 178, VII. 106; in U.S.A., I. 22, 119, III. 52, 128, 213, IV. 61, 136, 170, V. 161, VI. 8, 66, X. 93, 108, 203; breeding-places of, IV. 61, 136, 170, V. 161, VI. 8, 66, 178, VII. 106, X. 93, 108; seasonal history of, X. 203; attracted to light, I. 22; measures against, VI. 66, 178.
- Aedes* (**Skusea*) *cancricomes*, Edw., described as new from Andamans, X. 197.
- Aedes* (*Culex*, *Culicada*) *cantans*, Mg. (see *A. maculatus*).
- Aedes* (*Culex*, **Ochlerotatus*) *cantator*, Coq., in U.S.A., I. 39, 119, II. 158, III. 52, 212, IV. 6, 123, V. 102, 103, VI. 156, VII. 21, VIII. 30, IX. 26, 186, X. 111, 190, 228; and poliomyelitis, I. 18; breeding-places of, I. 39, III. 212, IV. 6, 123, V. 102, VII. 21; effect of salt water on, IV. 123, V. 103; migrations of, IX. 26; tropisms of, I. 22, X. 190; measures against, II. 158, III. 212, VI. 156, VII. 21.
- Aedes* (**Skusea*, *Stegomyia*) *cartroni*, Ventr., in Madagascar, IX. 68.
- Aedes* (**Ochlerotatus*) *caspius*, Pall. (*dorsalis*, Theo. nec Mg., *longisquamosus*, Theo., *punctatus*, Mg.), in N. Africa, VI. 141; in Britain, X. 16; in Canary Islands, X. 31; in Caucasus, X. 10; in Denmark, IX. 83; in Egypt and Palestine, III. 10, VIII. 35, IX. 99, X. 209; in Finland, X. 166; in France, VII. 99, VIII. 76, IX. 38, 49; in Italy, VII. 156; in Macedonia, VI. 162, 201, IX. 92; in Mesopotamia, VIII. 111; in Sweden, X. 87; breeding-places of, VII. 99, VIII. 35, IX. 92, 99; effect of drought on, X. 16; value of fish against, X. 209; larva of, X. 128; synonymy of, VIII. 35, 49, IX. 83.†
- Aedes caspius* var. *hargreavesi*, Edw., described as new from Italy, VIII. 50.
- Aedes* (**Ochlerotatus*) *cataphylla*, Dyar (*prodotes*, Dyar), described as new, V. 5; in Canada, VII. 105; in Finland, X. 166; in Sweden, X. 87; in U.S.A., V. 5, VI. 8, 49, X. 130; breeding-places of, VII. 105, X. 130; *A. rostockiensis* distinct from, X. 154.
- Aedes* (**Aëdimorphus*, *Culicelsa*, *Ochlerotatus*) *centropunctatus*, Theo., described as new from Sudan, II. 45.
- Aedes ceylonicus*, Edw., described as new from Ceylon, V. 53.
- Aedes* (**Ochlerotatus*) *chelli*, Edw., described as new from E. Africa, III. 115.
- Aedes* (**Stegomyia*) *chemulpoensis*, Yam., described as new, X. 147; in Korea, X. 147, 154.
- Aedes* (**Stegomyia*) *christianus*, Dyar, described as new from China, IX. 207.
- Aedes* (**Finlaya*) *christophersi*, Edw., described as new from India, X. 197.
- Aedes* (**Ochlerotatus*) *cinereoborealis*, Felt & Young, in Canada, III. 155, VII. 106.
- Aedes cinereus*, Mg. (*fuscus*, O.S.), in Britain, X. 105; in Canada, VII. 106, IX. 86; in Denmark, VII. 171, IX. 82; in Finland, X. 166; in France, VII. 99, VIII. 82; in Germany, II. 78, VI. 212, VII. 69, VIII. 27, 28, V. 161, 214, IX. 29, 30, 35, X. 128; in Sweden, X. 87; in U.S.A., V. 161, VI. 7, 8, 48, 65, 146, 223; bionomics of, VI. 48, 212, VIII. 27, 28, X. 105; Gregarines in larvae of, X. 128.
- Aedes* (*Culicada*, **Ochlerotatus*) *clelandi*, Tayl., in New South Wales, III. 270.
- Aedes* (**Finlaya*) *cogilli*, Edw., described as new from India, X. 153.
- Aedes* (*Culex*, **Ochlerotatus*) *communis*, DeG. (*nemorosus*, Mg.), in Britain, VII. 190; in Denmark, VII. 171, IX. 82; in Egypt, VIII. 35; in Finland, X. 166; in France, VII. 41, 99; in Germany, I. 40, II. 78, VI. 212, VII. 69, VIII. 27,

- 28, 171, 214, IX. 35; in Macedonia, IX. 20, 92; in Sweden, X. 87; in Switzerland, III. 225, VI. 172, X. 7; in U.S.A., V. 161; breeding-places of, III. 225, VI. 212, VII. 171; bionomics of, I. 40, VIII. 28, IX. 82; species allied to, IX. 100; synonymy of, X. 19, 95, 131.
- Aedes communis lazarensis*, Felt & Young, X. 131; breeding-places of, in Canada, VII. 105.
- Aedes communis tahoensis*, Dyar, X. 131; described as new, V. 5; in California, V. 5, VI. 48; breeding-places of, VI. 48.
- Aedes concinnus*, Steph. (see *A. sticticus*).
- Aedes* (*Culex*, **Ochlerotatus*) *confirmatus*, Lynch (see *A. scapularis*).
- Aedes consobrinus*, auct. nec R.-D. (see *Theobaldia inornata*).
- Aedes* (**Stegomyia*) *cretinus*, Edw., described as new from Crete, X. 18.
- Aedes* (*Culex*, **Ochlerotatus*) *crinifer*, Theo., in Brazil, VIII. 26.
- Aedes* (**Aedimorphus*, *Ecculex*) *culicinus*, Edw., described as new from India, X. 197.
- Aedes* (**Aedimorphus*, *Culex*, *Ochlerotatus*) *cumminsii*, Theo., in Belgian Congo, I. 220; in Nigeria, IV. 66, 112; in Transvaal, I. 140.
- Aedes* (*Culicada*, *Ochlerotatus*) *cumpstoni*, Tayl. (see *A. queenslandis*).
- Aedes* (**Ochlerotatus*) *curriei*, Coq. (see *A. dorsalis*).
- Aedes curtipes*, Edw., described as new from Borneo, III. 115.
- Aedes* (**Ochlerotatus*) *cyclocerculus*, Dyar, described as new from Canada, VIII. 101.
- Aedes* (**Ochlerotatus*) *cyprius*, Ludl., described as new from Siberia, VIII. 59; a synonym of *A. lutescens* (q.v.), X. 18.
- Aedes* (**Pseudoskusea*, *Stegomyia*) *daliensis*, Tayl., described as new from Australia, V. 230.
- Aedes decticus*, H., D. & K. (see *A. impiger*).
- Aedes degustator*, Dyar, breeding-places of, in Illinois, X. 93.
- Aedes* (*Culicada*) *demansis*, Strick. (see *A. queenslandis*).
- Aedes* (**Stegomyia*) *dendrophilus*, Edw., described as new, IX. 133; in Gold Coast, IX. 133, X. 167; breeding-places of, X. 167.
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *dentatus*, Theo., in Natal, IV. 120.
- Aedes* (**Ochlerotatus*) *detritus*, Hal. (*salinus*, Fic.), VIII. 49; in Britain, X. 120, 185; in Canary Islands, X. 31; in Denmark, IX. 82; in Germany, VIII. 14; breeding-places of, in Palestine, IX. 99; likely to occur in Sweden, X. 88; fish used against, X. 185.
- Aedes* (*Ochlerotatus*) *diantaeus*, H., D. & K., breeding-places of, in Canada, VII. 105; in Denmark, IX. 82; in Finland, X. 166; likely to occur in Sweden, X. 88; synonymy of, IX. 83.
- Aedes* (*Culex*, *Culicada*, **Ochlerotatus*) *diversus*, Theo. (see *A. rusticus*).
- Aedes dolosa*, Lynch (see *Culex*).
- Aedes* (*Ochlerotatus*) *domesticus*, Theo., in Gold Coast, V. 3; in Nigeria, IV. 66.
- Aedes* (*Culex*, *Grabhamia*, **Ochlerotatus*) *dorsalis*, Mg. (*curriei*, Coq., *grahami*, Ludl., *lativittatus*, Coq., *onondagensis*, Felt, *quaylei*, D. & K.), in Balkans, VIII. 87, IX. 20; in Britain, VII. 190; in Canada, VI. 178, VII. 106, VIII. 101; in Denmark, VII. 171, IX. 83; in Finland, X. 166; in France, IX. 38; in Germany, II. 78, 100, VI. 212, VII. 69, VIII. 27, 214; described as *A. grahami*, sp. n., from Siberia, VIII. 59; in Sweden, X. 87; in U.S.A., V. 161, VI. 7, 8, 9, 65, 70, 146, 223, VIII. 104; breeding-places of, II. 100, V. 161, VI. 7, 8, 212, VII. 190; bionomics of, VI. 65; characters of larva of, X. 128; synonymy of, VIII. 49, IX. 83, X. 18.†
- Aedes dorsalis*, auct. nec Mg. (see *A. caspius*).
- Aedes* (*Ochlerotatus*) *dorsovittatus*, Vill. (see *A. sticticus*).
- Aedes dupreei*, Coq., in New Jersey, I. 119; in Costa Rica, X. 31.
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *durbanensis*, Theo., distribution of, in Africa, IV. 120.
- Aedes dyari*, Coq. (see *Theobaldia*).
- Aedes* (**Ochlerotatus*) *dysanor*, Dyar, described as new from U.S.A., IX. 88.
- Aedes* (**Finlaya*, *Ochlerotatus*) *eatoni*, Edw., described as new from Madeira, IV. 64.
- Aedes* (**Finlaya*, *Ochlerotatus*) *echinus*, Edw., described as new

† Some of the earlier references may refer to *A. caspius*.

- from Macedonia, VIII. 48; gills of larva of, X. 100.
- Aedes epinotus*, D. & K., described as new, II. 97; in Ecuador and Peru, II. 97, VI. 86.
- Aedes* (**A.*) *esoensis*, Yam., described as new, X. 147; in Japan, X. 147, 154.
- Aedes* (**Ochlerotatus*) *eucephalaenus*, Dyar, described as new from Surinam, VII. 22.
- Aedes* (**Finlaya*) *eucleptes*, Dyar, described as new from China, IX. 207.
- Aedes* (**Ochlerotatus*) *excrucians*, Wlk. (*abfitchi*, Felt), in Canada, VII. 105; in Denmark, IX. 82; in Finland, X. 165; in Germany, VIII. 214; in Sweden, X. 87; in U.S.A., I. 119, IV. 170, V. 161, X. 203; breeding-places of, IV. 170, VII. 105; synonymy of, IX. 83, X. 131.
- Aedes* (*Stegomyia*) *fasciatus*, F. (see *A. argenteus*).
- Aedes* (*Ochlerotatus*) *fergusoni*, Tayl. (see *Culex*).
- Aedes* (**Ochlerotatus*) *fisheri*, Dyar, described as new from California, VI. 49.
- Aedes* (**Ochlerotatus*) *fitchi*, Felt & Young, in Canada, VII. 106; bionomics of, in New York, X. 203.
- Aedes* (*Culex*, *Culicada*, **Ochlerotatus*) *flavifrons*, Skuse, in New South Wales, II. 149, III. 37.
- Aedes* (*Grabhamia*) *flavifrons*, Theo. (see *A. theobaldi*).
- Aedes* (**Stegomyia*) *flavopictus*, Yam., described as new, X. 147; in Japan and Korea, X. 147, 154.
- Aedes* (**Ochlerotatus*) *fletcheri*, Coq. (see *A. lutescens*).
- Aedes* (**Finlaya*) *fluvialis*, Lutz, in U.S.A., VI. 86.
- Aedes* (**Finlaya*) *formosaensis*, Yam., described as new from Formosa, X. 147.
- Aedes* (**Ochlerotatus*) *freyi*, Edw., described as new, X. 18; in Finland, X. 18, 166; in Germany, X. 18; likely to occur in Sweden, X. 88; *A. lesnei* possibly a synonym of, X. 131.
- Aedes* (**Finlaya*, *Ochlerotatus*) *fulgens*, Edw., described as new, V. 53; in Zanzibar, V. 53, VI. 123.
- Aedes* (**Finlaya*) *fulvithorax*, Lutz (*Taeniorhynchus palliatus*, Coq.), in Trinidad, V. 60.
- Aedes* (*Chrysconops*, **Ochlerotatus*) *fulvus*, Wied., male of, in Panama, IX. 51; in Trinidad, V. 60.
- Aedes* (**Skusea*) *funereus*, Theo. (*basalis*, Tayl.), in Amboina, IX. 123; in N. Australia, IV. 11, 182, V. 68, VI. 73, 227, X. 233; breeding-places of, V. 68; bionomics of, X. 233; probably not a carrier of *Onchocerca gibsoni*, VI. 27.
- Aedes funereus* var. *ornatus*, Theo., in Ceram, IX. 133; in Papua, II. 135, III. 153; described as *Lepidotomyia lineata*, sp. n., II. 135; synonymy of, IX. 133.
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *furcifer*, Edw., in Gold Coast, V. 45.
- Aedes fuscus*, O.S. (see *A. cinereus*).
- Aedes gallii*, Mart. (see *A. pullatus jugorum*).
- Aedes* (**Stegomyia*) *galloisi*, Yam., described as new, X. 147; in Japan, X. 147, 154.
- Aedes* (*Culex*, *Culicada*, **Finlaya*, *Ochlerotatus*) *geniculatus*, Ol. (*albopunctatus*, Rond., *lateralis*, Mg., *ornatus*, Mg.), in N. Africa, I. 200; in Britain, V. 52, VIII. 13, 157, X. 16, 105; in Corsica, IX. 38; in Denmark, VII. 171, IX. 82; in France, II. 180, VII. 99, VIII. 76, 82, IX. 38; in Germany, I. 40, II. 78, IV. 16, VI. 212, VII. 69, VIII. 27, 28, 214, IX. 29, 68; in Macedonia, IX. 20, 92; in Sweden, X. 87; in Switzerland, V. 42, VI. 172, X. 7; breeding-places of, I. 40, IV. 16, V. 42, 52, VI. 172, 212, VII. 171, VIII. 28, 157, IX. 38, 68; effect of drought on, X. 16; hibernation of, VIII. 27; egg of, I. 41; larva of, IV. 156, X. 100; synonymy of, X. 154; *A. echinus* compared with, VIII. 48.
- Aedes gonimus*, D. & K., described as new, VI. 86; in U.S.A., VI. 86, X. 51; breeding-places of, X. 51.
- Aedes grahami*, Ludl., described as new from Siberia, VIII. 59; a synonym of *A. dorsalis*, q.v.
- Aedes* (**Finlaya*, *Ochlerotatus*, *Stegomyia*) *gubernatoris*, Giles, in India, V. 39, VI. 64, X. 67; breeding places of, X. 67.
- Aedes* (**Finlaya*) *hatorii*, Yam., described as new from Formosa, X. 147.
- Aedes* (**Finlaya*) *heteropus*, Dyar, described as new from Costa Rica, X. 55.

- Aedes* (**Ochlerotatus*) *hexodontus*, Dyar, described as new, V. 5; in California, V. 5, VI. 48, VIII. 101; breeding-places of, VI. 48.
- Aedes* (**Ochlerotatus*) *hirsuteron*, Theo. (pretans, Grossb.), bionomics of, in Canada, VII. 106; in U.S.A., I. 119, VI. 65; described as *A. vinnipegensis*, sp. n., VII. 106; possibly a synonym of *A. sticticus*, X. 131.
- Aedes* (**Aëdimorphus*, *Ochlerotatus*) *hirsutus*, Theo., in S. Africa, VIII. 9; in Gold Coast, V. 45, VIII. 12; breeding-places of, VIII. 9, 12.
- Aedes* (**Stegomyia*) *horishensis*, Yam., described as new from Formosa, X. 147.
- Aedes hortator*, D. & K., in Trinidad, V. 60.
- Aedes* (*Chaetocruimyia*) *humeralis*, Edw., described as new from Australia, X. 153.
- Aedes* (*Culicada*) *hybridus*, Tayl. (see *A. queenslandis*).
- Aedes* (**Ochlerotatus*) *idahoënsis*, Theo., in U.S.A., VI. 8, 65, 89, 146.
- Aedes* (**Ochlerotatus*) *impiger*, Wlk. (*decticus*, H., D. & K.), in Canada, VII. 105; in U.S.A., IV. 170, V. 161, X. 130; breeding-places of, IV. 170, VII. 105, X. 130; species allied to, X. 95, 96; synonymy of, VIII. 101.
- Aedes* *in conspicuosus*, Theo. (see *Culex*).
- Aedes* (**Ochlerotatus*) *increpitus*, Dyar, described as new, V. 5; in U.S.A., V. 5, VI. 7, 48; breeding-places of, VI. 48.
- Aedes indicus*, Theo. (*mediolineatus*, Ludl.), confused with *A. dorsalis* (*curriei*), VI. 9.
- Aedes* (**Ochlerotatus*) *innuitus*, D. & K., described as new from Greenland, VI. 86; a synonym of *A. alpinus*, q.v.
- Aedes* (*Culicada*) *inornatus*, Strick. (see *A. camptorhynchus*).
- Aedes* (**Finlaya*) *inquinatus*, Edw., described as new from India, X. 197.
- Aedes* (**Ochlerotatus*) *intrudens*, Dyar, described as new from Canada, VII. 105; likely to occur in Sweden, X. 88; a distinct species, X. 131.
- Aedes* (**Ochlerotatus*) *ioliota*, D. & K., described as new, I. 164; in Trinidad, I. 164, V. 60.
- Aedes* (*Heteronycha*, **Ochlerotatus*) *iridipennis*, Dyar, described as new from Arizona, X. 131, 184; possibly referable to *Taeniorhynchus*, X. 184.
- Aedes* (**Aëdimorphus*, *Ochlerotatus*) *irritans*, Theo., in W. Africa, IV. 28, 66, 81, 112, V. 3, 40, 47, VI. 38, 225, VIII. 217, IX. 42, X. 167, 226, 234; in Zanzibar, III. 49; breeding-places of, IV. 28, 112, V. 47, VI. 225, IX. 42; spirochaetes in, V. 40.
- Aedes* (*Ochlerotatus*) *jamaicensis* (see *Psorophora*).
- Aedes* (**Finlaya*) *japonicus*, Theo., and potential establishment of yellow fever in Far East, X. 103.
- Aedes* (*Culex*, **Ochlerotatus*) *jugorum*, Vill., described as new from France, VII. 99; a variety of *A. pullatus*, q.v.
- Aedes* (**Finlaya*) *khazani*, Edw., described as new from India, X. 197.
- Aedes* (**Finlaya*) *kochi*, Dön., breeding-places of, in Samoa, II. 82.
- Aedes* (**Finlaya*, *Ochlerotatus*) *koreicus*, Edw., described as new from Korea, V. 53.
- Aedes labeculosus*, Coq. (see *A. camptorhynchus*).
- Aedes* (**Stegomyia*) *lamberti*, Ventr. (see *A. albopictus*).
- Aedes* (*Ochlerotatus*) *lativittatus*, Coq. (see *A. dorsalis*, Mg.).
- Aedes* (**Finlaya*, *Ochlerotatus*) *lawrei*, Carter, described as new from Lord Howe Island, IX. 56.
- Aedes lazarensis*, Felt & Young (see *A. communis lazarensis*).
- Aedes leicesteri*, Edw., described as new from Malay States, V. 53.
- Aedes* (**Ochlerotatus*) *lepidonotus*, Edw., described as new from Macedonia, VIII. 48.
- Aedes* (**Ochlerotatus*) *lesnei*, Ségué, described as new, IX. 131; in France, IX. 38, 131; identity of, X. 131.
- Aedes* (**Ochlerotatus*) *leuconotips*, Dyar, described as new from Canada, VIII. 101.
- Aedes* (**Pseudohowardina*) *linealis*, Tayl., described as new from N. Australia, II. 12; a synonym of *A. lineatopennis*, q.v.
- Aedes* (**Banksinella*) *lineatopennis*, Ludl. (*huteolateralis*, Theo., *Pseudohowardina linealis*, Tayl.), in E. Africa, VIII. 164; in S. Africa, IX. 128; in W. Africa, I.

- 220**, V. **39**, VI. **225**, X. **167**, **226**;
in N. Australia, II. **12**, IV. **60**; in
Principe, IV. **49**; distribution of,
IV. **120**.
- Aëdes* (**Skusea*) *longirostris*, Leic.
(*Uranotaenia hilli*, Tayl.), in
Australia, VII. **139**.
- Aëdes* (*Grabhamia*, **Ochlerotatus*)
longisquamosus, Theo. (see *A.*
caspicus).
- Aëdes* (**Stegomyia*) *luciensis*, Theo.
(see *A. argenteus luciensis*).
- Aëdes* (**Stegomyia*) *luteocephalus*,
Newst., in Gold Coast, IV. **112**,
V. **3**, X. **226**; in Nigeria, IV. **66**,
V. **39**, VI. **225**, IX. **42**; in Sierra
Leone, IV. **163**; breeding-places
of, IV. **112**, IX. **42**.
- Aëdes* (**Banksinella*) *luteolateralis*,
Theo. (see *A. lineatopennis*).
- Aëdes* (**Ochlerotatus*) *lutescens*, F.
(*fletcheri*, Coq.), in Canada, VI.
178, VII. **106**; in Denmark, IX.
83; in Finland, X. **166**; in Sweden,
X. **87**; described as *A.*
cyprius, sp. n., from Siberia, VIII.
59; in U.S.A., VI. **8**, **65**; bionomics
of, VII. **106**; synonymy of,
IX. **83**, X. **18**.
- Aëdes* (*Culex*) *lynchi*, Brèth., in
Argentina, IX. **207**; synonymy of,
VII. **107**, IX. **207**; species allied
to, X. **136**.
- Aëdes* (**Finlaya*) *macdougalli*, Edw.,
described as new from Ceylon, X.
197.
- Aëdes* (**Finlaya*, *Ochlerotatus*) *macfarlanei*, Edw., in Hong Kong,
III. **141**.
- Aëdes* (*Culex*, *Culicada*, **Ochlerotatus*)
maculatus, Mg. (*cantans*,
Mg.), in Britain, X. **16**; in Canada,
III. **155**; in Denmark, VII. **171**,
IX. **82**; in Finland, X. **165**; in
France, VII. **99**, IX. **38**; in
Sweden, X. **87**; in Switzerland,
III. **228**; in Germany, II. **78**, VI.
212, VII. **69**, VIII. **27**, **28**, **214**,
IX. **29**, **35**; bionomics of, VII.
171, VIII. **27**, **28**, IX. **29**, **38**, X.
16; breeding-places of, VI. **212**;
A. annulipes erroneously recorded
as, VIII. **76**.
- Aëdes maculiventris*, Macq. (see *A.*
dorsalis).
- Aëdes* (*Kingia*, **Stegomyia*) *maculo-*
abdominalis, Theo., described as
new from Sudan, II. **45**.
- Aëdes* (*Acartomyia*, *Culex*, **Ochlerotatus*)
mariae, Serg., in Algeria,
VIII. **56**; in France, IX. **38**;
in Palestine, IX. **99**; breeding-
places of, VIII. **56**, IX. **99**;
development of *Plasmodium relic-*
tum in, VI. **229**; key to species
allied to, IX. **193**; *A. zammiti*
not a synonym of, X. **154**.
- Aëdes masamae*, Dyar, described as
new from California, IX. **50**.
- Aëdes mediolineatus*, Ludl. nec Theo.
(see *A. indicus*).
- Aëdes* (**Ochlerotatus*) *mercurator*,
Dyar, described as new from
Canada, VIII. **101**.
- Aëdes* (**Ochlerotatus*) *metalepticus*,
Dyar, described as new from
Italy, VIII. **102**; a synonym of
A. pullatus jugorum, q.v.
- Aëdes* (**Stegomyia*) *metallicus*, Edw.,
in W. Africa, IV. **112**, V. **3**,
X. **226**; in Tanganyika, X. **223**;
in Zanzibar, VI. **123**; breeding-
places of, IV. **112**, X. **223**.
- Aëdes micropterus*, Giles, *A. reginae*
possibly a variety of, X. **197**.
- Aëdes* (**Finlaya*) *mikiranus*, Edw.,
described as new from India,
X. **197**.
- Aëdes* (*Culicada*, **Finlaya*, *Huleco-*
teomyia, *Ochlerotatus*) *milsoni*,
Tayl., described as new, V. **67**;
in New South Wales, IV. **11**,
182, V. **67**; breeding-places of,
IV. **182**.
- Aëdes* (**Ochlerotatus*) *mimesis*, Dyar,
breeding-places of, in Canada,
VI. **178**; in U.S.A., VI. **8**, **146**.
- Aëdes* (*Ochlerotatus*) *minutus*,
Theo., in Belgian Congo, I. **220**;
in Gold Coast, V. **3**, VI. **38**,
X. **167**; in Sierra Leone, IV. **44**,
45, **163**; breeding-places of, VI.
38.†
- Aëdes minutus biannulatus*, Theo.,
in Gold Coast, V. **3**.
- Aëdes minutus stenoscutus*, Edw.
(see *A. abnormalis*).
- Aëdes minutus tarsalis*, Newst. (see
A. tarsalis).
- Aëdes* (*Heteronychia*, **Ochlerotatus*)
muelleri, Dyar, described as new
from Mexico, VIII. **102**.
- Aëdes* (*Ochlerotatus*, **Pseudoskusea*)
multiplax, Theo., in Australia,
VII. **176**.
- Aëdes* (**Ochlerotatus*) *nearcticus*,
Dyar, described as new, from
Arctic Regions, VII. **196**; a
synonym of *A. alpinus*, q.v.
- Aëdes* (*Ochlerotatus*) *nemorosus*, Mg.
(see *A. communis*).
- Aëdes* (*Ochlerotatus*) *nemorosus*, auct.

† Most or all of these references refer to *A. tarsalis*, q.v.

- nec Mg. (see *A. punctor meigenanus*).
- Aedes nemorosus dorsovittatus*, Vill., described as new from France, VII. 99; a synonym of *A. sticticus*, q.v.
- Aedes nemorosus salinus*, Fic. (see *A. detritus*).
- Aedes* (**Ochlerotatus*) *niger*, Giles, breeding-places of, in Grenada, V. 54.
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *nigeriensis*, Theo., breeding-places of, in Gold Coast, VIII. 12.
- Aedes nigrescens*, Theo. (see *Culex castrensis*).
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *nigricephalus*, Theo., in Gold Coast, V. 3; in Nigeria, IV. 66, V. 40, VI. 225, IX. 42; in Sierra Leone, IV. 45, 150; breeding-places of, IX. 42; Herpetomonads in, V. 40.
- Aedes* (**Ochlerotatus*) *nigrinus*, Eckst., described as new from Germany, VII. 69; a synonym of *A. sticticus*, q.v.
- Aedes* (*Culex*, **Ochlerotatus*) *nigripes*, Zett. (see *A. alpinus*).
- Aedes nigripes* var. *sylvae*, Theo. (see *A. sticticus*).
- Aedes* (**Ochlerotatus*) *nigrithorax*, Macq., described as *Menolepis* (?) *tasmaniensis*, sp. n., from Tasmania, III. 37.
- Aedes nigromaculis*, Ludl., in U.S.A., VI. 8, 65, 146, 223; breeding-places of, VI. 8.
- Aedes* (**Ochlerotatus*) *niphadopsis*, D. & K., in Utah, IX. 9.
- Aedes* (*Culex*, **Ochlerotatus*) *normanensis*, Tayl., described as new from Queensland, IV. 11.
- Aedes* (**Finlaya*, *Ochlerotatus*, *Scutomyia*) *notoscriptus*, Skuse, in Australia, III. 37, 207, IV. 11, 60, 182, 183, V. 68, 94, VI. 74, 227, VII. 61, VIII. 174, IX. 118, X. 233; in New Zealand, IX. 75; in Papua, III. 153; breeding-places of, IV. 182, IX. 118, X. 233.
- Aedes* (*Ochlerotatus*) *nubilus*, Theo., in Trinidad, V. 60.
- Aedes obscurus*, Mg. (see *A. communis*).
- Aedes* (*Culex*, **Finlaya*, *Ochlerotatus*) *occidentalis*, Skuse, in Australia, III. 207, IV. 11, 182.
- Aedes* (**Aedimorphus*, *Ochlerotatus*) *ochraceus*, Theo., in Gold Coast, V. 45, VI. 16; in Nigeria, VI. 66.
- Aedes* (**Aedimorphus*, *Ecculex*) *omurensis*, Yam., described as new from Japan, X. 147; a synonym of *A. alboscuteellatus*, q.v.
- Aedes onondagensis*, Felt (see *A. dorsalis*, Mg.).
- Aedes* (**Finlaya*, *Ochlerotatus*) *oreophilus*, Edw., described as new, IV. 64; in India, IV. 64, VIII. 43.
- Aedes ornatus*, Mg. (see *A. geniculatus*).
- Aedes* (*Stegomyia*) *ornatus*, Tayl. (see *Rachionotomyia*).
- Aedes* (*Finlaya*) *oswaldi*, Lutz, in Trinidad, V. 60; in Venezuela, X. 183.
- Aedes oswaldi braziliensis*, G. & E., described as new from Brazil, X. 234.
- Aedes pagetonotum*, D. & K., in Quebec, III. 155.
- Aedes* (*Finlaya*) *pallostris*, Edw., described as new from India, X. 197.
- Aedes palmeni*, Edw. (see *A. communis*).
- Aedes* (**Banksinella*, *Neomelanconion*) *palpalis*, Newst., considered distinct from *A. lineatopennis* (*luteolateralis*), II. 45.
- Aedes palustris*, Dyar, described as new, V. 5; in California, V. 5, VI. 48, X. 130; breeding-places of, VI. 48, X. 130.
- Aedes* (**Ochlerotatus*) *parvulus*, Edw., described as new, X. 18; in Finland, X. 18, 166; likely to occur in Sweden, X. 88; considered a synonym of *A. alpinus* (*nearcticus*), X. 131.
- Aedes* (**Finlaya*) *pecuniosus*, Edw., described as new from Australia, X. 153.
- Aedes* (*Howardina*, *Ochlerotatus*, **Skusea*) *peimbaensis*, Theo., in E. Africa, VIII. 164, X. 94; in Zanzibar, VI. 123.
- Aedes* (*Culiselsa*, **Ochlerotatus*) *perichares*, Dyar, described as new from Costa Rica, IX. 72.
- Aedes* (**Stegomyia*) *persistans*, Banks (see *A. argenteus*).
- Aedes* (**Ochlerotatus*) *pionips*, Dyar, breeding-places of, in Canada, VII. 105; considered distinct from *A. communis*, X. 131.
- Aedes* (**Aedimorphus*, *Ecculex*, *Stegomyia*) *pipersalatus*, Giles (*Pseudograbhamia maculata*, Theo.), in India, V. 39; in Java, VI. 213.

- Aedes* (**Finlaya*) *podographicus*, Dyar, in Costa Rica, X. 31; in Mexico, X. 55.
- Aedes* (**Finlaya*) *poicilia*, Theo., in Australia, IV. 11, 60, VI. 227, VII. 175; in Fiji, IV. 41, X. 71; in Papua, III. 37, 154; in Sumatra, IV. 23.
- Aedes poliochros*, Dyar, in Canada, VII. 106.
- Aedes* (**Stegomyia*) *poweri*, Theo., in Belgian Congo, III. 121.
- Aedes pretans*, Grossb. (see *A. hirsuteron*).
- Aedes prodotes*, Dyar, described as new from Montana, VI. 8; a synonym of *A. cataphylla*, q.v.
- Aedes prodotes*, Lund. (see *A. rostockiensis*).
- Aedes prolixus*, Dyar, described as new from Alaska, X. 95.
- Aedes* (**Stegomyia*) *pseudoscutellaris*, Theo. (see *A. variegatus*).
- Aedes* (**Finlaya*, *Hulecoeteomyia*, *Ochlerotatus*) *pseudotaeniatas*, Giles, in India, II. 193, IV. 74, X. 197; in Philippines, VII. 193; anatomy of, IV. 74.
- Aedes pulchritarsis*, Rond., *A. berlandi* a variety of, X. 154.
- Aedes* (**Finlaya*) *pulchrienter*, Giles, anatomy of, X. 231.
- Aedes* (**Ochlerotatus*) *pullatus*, Coq., in Canada, III. 155, VII. 106, VIII. 101, 102; likely to occur in Sweden, X. 88; in U.S.A., VI. 8, 65, 146; breeding-places of, VII. 106; synonymy of, X. 131.
- Aedes pullatus jugorum*, Vill., described as new from France, VII. 99; in Italy, VIII. 102; in Switzerland, X. 7, 118; anatomy of, IX. 100, X. 100; described as *A. metalepticus*, sp.n., VIII. 102; synonymy of, X. 19, 100, 131; *A. geniculatus* recorded from Corsica as, IX. 38.
- Aedes pulverulentus*, Edw., described as new from India, X. 197.
- Aedes punctatus*, Mg. (see *A. caspius*).
- Aedes* (**Skusea*) *punctipes*, Edw., described as new from Burma, IX. 133.
- Aedes* (**Banksinella*) *punctocostalis*, Theo., in Nigeria, IV. 66.
- Aedes* (**Ochlerotatus*) *punctodes*, Dyar, described as new from Alaska, X. 95.
- Aedes* (*Stegomyia*) *punctolateralis*, Theo. (see *Rachionotomyia atripes*).
- Aedes* (**Ochlerotatus*) *punctor*, Kirby, in California, VIII. 101; in Canada, VII. 105; in Denmark, IX. 82; in Finland, X. 166; in France, IX. 38; in Sweden, X. 87; breeding-places of, VII. 105; larva of, X. 128; anatomy of species allied to, IX. 18.
- Aedes punctor* var. *meigenanus*, Dyar (*nemorosus*, auct. nec Mg.), in England, IX. 5, X. 16, 105; effect of drought on, X. 16, 105; considered a distinct species, X. 131.
- Aedes* (**Aëdimorphus*, *Ochlerotatus*) *punctothoracis*, Theo., in Gold Coast, IV. 81, V. 3, X. 167; in Nigeria, IV. 66, IX. 42; breeding places of, IX. 42.
- Aedes quadrivittatus*, Coq., in Costa Rica, X. 31.
- Aedes quartus*, Mart. (see *A. annulipes*).
- Aedes quasiornatus*, Tayl. (see *Rachionotomyia*).
- Aedes* (**Ochlerotatus*) *quasirubritorax*, Theo., breeding-places of, in Australia, IX. 118, X. 233.
- Aedes* (**Ochlerotatus*) *quasiunivittatus*, Theo., in Natal, IV. 120.
- Aedes quaylei*, D. & K. (see *A. dorsalis*, Mg.).
- Aedes* (*Finlaya*) *queenslandis*, Strick. (*Culicada cumpstoni*, Tayl., *demansis*, Strick., *hybridus*, Tayl.), in Australia, IV. 11, 182, V. 67, VI. 74; breeding-places of, IV. 182; described as *A. hybridus*, sp.n., V. 67.
- Aedes* (**Finlaya*) *quinguelineatus*, Edw., described as new from Australia, X. 153.
- Aedes* (**Aëdimorphus*) *quinquepunctatus*, Theo., described as new from Sudan, II. 45.
- Aedes* (*Skusea*) *reginae*, Edw., described as new from Ceylon, X. 197.
- Aedes* (**Aëdimorphus*, *Ecculex*) *rhector*, Dyar, described as new from E. Africa, IX. 87.
- Aedes* (**Ochlerotatus*) *riparius*, D. & K., in Canada, VII. 106; in Montana, VI. 8.
- Aedes* (**Ochlerotatus*) *rostockiensis*, Mart. (*prodotes*, Lund. nec Dyar), described as new, VIII. 171; in Denmark, IX. 83; in Germany, VIII. 171, 214; breeding-places of, VIII. 214; synonymy of, IX. 83, X. 154.
- Aedes* (**Ochlerotatus*) *rubritorax*,

- Macq., in New South Wales, III. 207, IV. 182.
- Aedes* (**Ochlerotatus*) *rusticus*, Rossi (*diversus*, Theo. (*Culex*) *quadrimaculatus*, Macq.), in Britain, X. 86; in Denmark, IX. 82; in France, VII. 99, VIII. 76; in Germany, II. 78, VI. 212, VII. 69, VIII. 27, 214, IX. 29, X. 36; in Macedonia, VIII. 48; likely to occur in Sweden, X. 88; breeding-places of, VI. 212, VIII. 214; larva of, IX. 186; synonymy of, VIII. 49.
- Aedes* (*Culex*, **Ochlerotatus*) *sagax*, Skuse, in Australia, IV. 182, VI. 74; breeding-places of, IV. 182.
- Aedes* (**Ochlerotatus*) *salinellus*, Edw., habits of, in Germany, VIII. 214, IX. 35; likely to occur in Sweden, X. 88; recorded as *A. terriei*, VIII. 214, IX. 35, 83.
- Aedes* (**Ochlerotatus*) *salinus*, Fic. (see *A. detritus*).
- Aedes* (**Ochlerotatus*) *sansoni*, D. & K., in Canada, VI. 178; in U.S.A., VI. 8, 146; breeding-places of, VI. 8, 178.
- Aedes sayi*, D. & K. (see *Psorophora*).
- Aedes* (*Culex*, *Leucomyia*, **Ochlerotatus*) *scapularis*, Rond. (*confirmatus*, Lynch), in Argentina, IX. 5, 207; in Brazil, VI. 91, VIII. 25, X. 159, 216; in British Guiana, X. 217; in Mexico, IX. 5; in Trinidad, II. 27, V. 60; in Venezuela, X. 62; notice of key to species allied to, X. 160.
- Aedes scutellaris*, Wlk. (see *A. variegatus*).
- Aedes* (*Stegomyia*) *scutellaris*, Theo. (see *A. albopictus*).
- Aedes* (**Ochlerotatus*) *semicantans*, Mart., described as new from Germany, VIII. 171, 214; in Sweden, X. 87; breeding-places of, VIII. 171; *A. lesnei* possibly a synonym of, X. 131.
- Aedes* (**Finlaya*) *seoulensis*, Yam., described as new from Korea, X. 147, 154.
- Aedes* (*Culex*, **Ochlerotatus*, *Protonotus*) *serratus*, Theo., in Brazil, VIII. 26; in Costa Rica, X. 31; in Trinidad, II. 25, V. 60; in Venezuela, X. 62.
- Aedes* (**Stegomyia*) *sexlineatus*, Theo., in Trinidad, II. 25, V. 60; in Venezuela, III. 69; possibly transmitting yellow fever, III. 69.
- Aedes* (**Pseudoskusea*) *similis*, Theo., in Queensland, VI. 227.
- Aedes* (**Finlaya*) *simlensis*, Edw., described as new from India, X. 197.
- Aedes* (**Stegomyia*) *simpsoni*, Theo., in E. Africa, VIII. 164; in S. Africa, IX. 128; in Belgian Congo, I. 220, III. 121; in Gold Coast, VI. 16, 38, X. 226; in Nigeria, IV. 66, 112; in Sierra Leone, IV. 45, 161, 163; in Zanzibar, VI. 123; breeding-places of, IV. 161, VI. 38.
- Aedes* (**Aëdimorphus*, *Ochlerotatus*) *simulans*, Cart., breeding-places of, in Sierra Leone, IV. 44.
- Aedes* (*Culex*, **Ochlerotatus*) *sollicitans*, Wlk., in Bermuda, I. 99; in U.S.A., I. 18, 22, 39, 118, 226, II. 158, III. 32, 52, 128, 175, 212, IV. 6, 95, 123, V. 102, 103, 141, VI. 156, VII. 21, VIII. 30, IX. 26, 85, 88, 186, X. 93, 108, 111, 190, 228; not transmitting poliomyelitis, I. 18; breeding-places of, I. 39, 226, III. 175, 212, IV. 6, 95, 123, VII. 21, IX. 85, 88, X. 108; effect of saline water on, V. 103; migrations of, IX. 26; tropisms of, I. 22, X. 190; measures against, V. 102, 103, 141, VI. 156.
- Aedes* (**Ochlerotatus*) *spenceri*, Theo., in Canada, VI. 178, VII. 106; in U.S.A., VI. 8, 65, 89; breeding-places of, VI. 8; anatomy of species allied to, IX. 88.
- Aedes* (**Chaetocruimyia*) *spinosipes*, Edw. (*spinosus* in error), n.n. for *A. sylvestris*, Theo., X. 153; in Queensland, III. 37.
- Aedes* (**Ochlerotatus*) *squamiger*, Coq., in California, IV. 159, VIII. 104; breeding-places of, IV. 159.
- Aedes* (*Culex*, *Culicada*, **Ochlerotatus*) *sticticus*, Mg. (*concinus*, Steph., *dorsovittatus*, Vill., *nigrinus*, Eckst., *sylvae*, Theo.), rare in Denmark, IX. 82; in France, IX. 38; described as *A. nemorosus* var. *dorsovittatus*, n., in France, VII. 99; in Germany, II. 78, VI. 212, VII. 69, VIII. 27, 28, 214, IX. 35; in Pyrenees, VIII. 76; likely to occur in Sweden, X. 88; breeding-places of, VI. 212, VIII. 28; allied to *A. communis*, IX. 100; described as *A. nigrinus*, sp. n., VII. 69; synonymy of, X. 18, 131.
- Aedes* (**Ochlerotatus*) *stigmaticus*,

- Edw., described as new from Paraguay, X. 153.
- Aedes (Heteronychia, *Ochlerotatus) stimulans*, Wlk., in Canada, VIII. 101; in U.S.A., VI. 146, X. 203; bionomics of, X. 203; species allied to, IX. 9.
- Aedes stimulans albertae*, Dyar, described as new from U.S.A., IX. 9.
- Aedes stimulans classicus*, Dyar, described as new from U.S.A., IX. 9.
- Aedes stimulans mississippii*, Dyar, described as new from U.S.A., IX. 9.
- Aedes (*Ochlerotatus) subcantans*, Felt, in Canada, III. 155; in U.S.A., I. 119, III. 213, IV. 170; breeding-places of, IV. 170.
- Aedes (*Finlaya) subniveus*, Edw., described as new from Sarawak, X. 197.
- Aedes (*Aedimorphus, Ochlerotatus, Reedomia) sudanensis*, Theo., described as new from Sudan, II. 45; breeding-places of, in Nigeria, IV. 112.
- Aedes (*Finlaya) suffusus*, Edw., described as new from India, X. 197.
- Aedes (Stegomyia) sagens*, Theo. (see *A. vittatus*).
- Aedes surcoufi*, Theo., doubt as to identity of, X. 131.
- Aedes (Chaetocruiomyia) sylvestris*, Theo. (see *A. spinosipes*).
- Aedes (Culex, Ochlerotatus) sylvestris*, Theo. (see *A. vexans*).
- Aedes (Culex, Culicelsa, *Ochlerotatus, Taeniorhynchus) taeniorhynchus*, Wied., in Brazil, I. 64, X. 159; in Costa Rica, X. 31; in British Guiana, X. 54; in French Guiana, VI. 160; in Panama Canal Zone, III. 223, VII. 137, IX. 108; in Trinidad, V. 60; in U.S.A., I. 22, 119, III. 32, 128, 212, IV. 159, X. 228; attracted to light, I. 22; breeding-places of, I. 64, III. 212, IV. 159, X. 54; migrations of, III. 223.
- Aedes tahoensis* (see *A. communis tahoensis*).
- Aedes tarsalis*, Newst., in Gold Coast, V. 3. (cf. also under *A. minutus*).
- Aedes (Ochlerotatus, Stegomyia) tasmaniensis*, Strick. (see *Rachionotomyia*).
- Aedes (Menolepis, *Ochlerotatus) tasmaniensis*, Tayl., described as new from Tasmania, III. 37; a synonym of *A. nigritorax*, q.v.
- Aedes (*Finlaya) terreus*, Wlk., distribution of, X. 55.
- Aedes terreus homocopus*, Dyar, described as new from Costa Rica and Mexico, X. 131.
- Aedes terriei*, Theo., *A. salinellus* recorded as, VIII. 214, IX. 35, 83.
- Aedes thaxteri*, D. & K., described as new from Grenada, VII. 105.
- Aedes (*Ochlerotatus, Taeniorhynchus) thelcter*, Dyar, described as new from Texas, VII. 22; male of, X. 178.
- Aedes (*Ochlerotatus) theobaldi*, Tayl. (*Grabhamia flavifrons*, Theo.), in New South Wales, II. 149, III. 207, IV. 182; attacking man, IV. 182.
- Aedes (*Stegomyia) thomsoni*, Theo., in India, VI. 64, 196, X. 87; breeding-places of, X. 87; resistance of, to desiccation, VI. 64.
- Aedes (*Finlaya) thornstoni*, D. & K., in Central America, X. 55.
- Aedes (Culicelsa, *Finlaya, Ochlerotatus) togoi*, Theo., and potential establishment of yellow fever in Far East, X. 103; in Hong Kong, III. 141; transmitting *Filaria bancrofti* in Japan, X. 147, 180.
- Aedes tortilis*, Theo. var. *virginensis*, Dyar, described as new from Virgin Islands, X. 130.
- Aedes (*Macleaya) tremula*, Theo. (*Danielsia minuta*, Tayl., *Mimeotemyia doddi*, Tayl.), in Australia, III. 37, IV. 11, 60, 183, V. 68, VI. 74, 227, IX. 118; described as *Danielsia alboannulata* and *D. minuta* in Australia, I. 11; described as *Aedimorphus australis* and var. *darwini*, III. 37; in Papua, VII. 139; breeding-places of, IX. 118; female of, V. 67.
- Aedes (*Ochlerotatus) trichurus*, Dyar, bionomics of, in Canada, VII. 106.
- Aedes (*Finlaya, Ochlerotatus) triseriatus*, Say, in Canada, VIII. 140; in U.S.A., I. 119, III. 128, IV. 136, 170, V. 52, 161, VI. 8; breeding-places of, IV. 136, 170.
- Aedes triseriatus hendersoni*, Ckll., described as new from Colorado, VI. 146.
- Aedes (*Ochlerotatus) trivittatus*, Coq., in U.S.A., IV. 170, V. 161, VI. 8; in Venezuela, X. 62;

- breeding-places of, IV. 170, VI. 8.
- Aedes* (**Finlaya*) *unicinctus*, Edw., described as new from India, X. 197.
- Aedes* (**Skusea*) *uniformis*, Theo., in Australia, IV. 10, 11, VI. 227.
- Aedes* (**Stegomyia*) *unilineatus*, Theo., in W. Africa, V. 3, VI. 38, VII. 169; breeding-places of, VI. 38.
- Aedes* (*Culicada*, **Ochlerotatus*) *vandema*, Strick., in Queensland, VI. 74; in Tasmania, III. 37.
- Aedes* (**Stegomyia*) *variegatus*, Dolesch. (*pseudoscutellaris*, Theo.), in Australia, III. 37, IV. 60; in Fiji, IV. 41, X. 77, 180; in New Guinea, III. 24; in Papua, III. 153; in Samoa, II. 51, 82; and filariasis, II. 82, III. 37, V. 153, X. 180; breeding-places of, II. 82.
- Aedes* *varipalpus*, Coq., in Canada, VIII. 101; in U.S.A., VI. 7, 49; breeding-places of, VI. 49.
- Aedes* *ventrovittis*, Dyar, described as new, V. 5; in California, V. 5, VI. 49; breeding-places of, VI. 49.
- Aedes* (**Aëdimorphus*, *Culex*, *Culicada*, *Ecculex*, *Ochlerotatus*) *vexans*, Mg. (*nocturnus*, Theo., *sylvestris*, Theo.), in Canada, III. 155, VI. 178, VII. 106, IX. 86, X. 127, 167; in Denmark, VII. 171, IX. 82; (*nocturnus*) in Fiji, IV. 41, X. 77; in Finland, X. 165; in France, VII. 99; in Germany, II. 78, VI. 212, VII. 69, VIII. 27, 28, 214, IX. 29, 30, X. 128; (*nocturnus*) in Loyalty Islands, II. 34; in Macedonia, IX. 20, 92; in Sweden, X. 87; in U.S.A., I. 22, 119, II. 158, III. 128, 213, IV. 61, 136, 170, V. 102, 103, 141, 161, VI. 8, 48, 65, 66, 146, 181, 223, VII. 63, VIII. 30, 105, 194, IX. 24, 26, 51, 186, X. 108, 111, 228; breeding-places of, III. 213, IV. 61, 136, VI. 48, 178, 212, VII. 106, 171, VIII. 28, IX. 24, 51, 92, X. 127; experimentally conveying anthrax, VI. 181, VIII. 105;regarines in larvae of, X. 128; not exhibiting thermo-tropic reaction, VII. 63; measures against, VI. 66; *Culex sylvestris* a synonym of, X. 154.
- Aedes* (*Culicada*, *Ochlerotatus*) *victoriensis*, Tayl., described as new from Queensland, III. 30; a synonym of *A. camptorhynchus*, q.v.
- Aedes* (*Culicelsa*, **Ochlerotatus*) *vigilax*, Skuse (*Culex ludlowi*, Blanch.), in Australia, III. 37, 207, 208, IV. 8, 11, 60, 72, 182, 183, V. 67, VI. 27, 74, 227, VII. 61, IX. 127, X. 233; in Papua, III. 153; in Philippines, VII. 193; breeding-places of, V. 67, X. 233; possibly transmitting dengue, IX. 137; relation of, to *Onchocerca gibsoni*, III. 208, VI. 27.
- Aedes* *vinnipegensis*, Dyar, described as new from Canada, VII. 106; a synonym of *A. hirsuteron*, q.v.
- Aedes* (**Stegomyia*) *vittatus*, Big. (*sugens*, Theo.), in W. Africa, II. 27, IV. 44, 45, 66, 112, 163, 165, V. 45, VII. 169, VIII. 12; in Egypt, III. 10; probably recorded in error from Egypt, VIII. 35; in France, IX. 38; in India, I. 1, 143, 163, V. 39, IX. 80; breeding-places of, IV. 44, 45, 163, 165, VIII. 12; oviposition of, without a blood meal, IX. 80; failure to infect, with *Leishmania*, I. 1, IV. 103; synonymy of, X. 19.
- Aedes* (*Culex*, *Culicada*, **Ochlerotatus*) *vittiger*, Skuse, II. 149; in New South Wales, III. 37, 207.
- Aedes* (**Stegomyia*) *w-alba*, Theo., in Formosa, VI. 50; in Hong Kong, III. 141; in India, VI. 64, X. 67; breeding-places of, X. 67.
- Aedes* (**Finlaya*) *watasei*, Yam., described as new from Japan, X. 147, 154.
- Aedes* *waterhousei*, Theo. (see *A. maculatus*).
- Aedes* (**Finlaya*, *Ochlerotatus*) *wellmani*, Theo., in Gold Coast, VI. 16.
- Aedes* *whitmorei*, Dunn, described as new from Colombia, VII. 21.
- Aedes* (*Culicada*) *wilsoni*, Tayl., in Victoria, VII. 139.
- Aedes* (**Stegomyia*) *woodi*, Edw., described as new from Nyasaland, X. 153.
- Aedes* *yerburyi*, Edw., described as new from Ceylon, V. 53.
- Aedes* (**Ochlerotatus*) *zammitti*, Theo., in France, IX. 132; not a synonym of *A. mariae*, X. 154.
- Aedes* *zoosophus*, D. & K., described as new from Texas, VI. 86.
- Aëdimorphus*, a group of *Aedes* (q.v.), V. 53.

- Aëdomyia*, in Oriental Region, X. **229**; respiration of, VI. **182**; pupae of, V. **167**.
- Aëdomyia africana*, Nev. Lem., in Gold Coast, VI. **16**.
- Aëdomyia catasticta*, Knab (see *A. venustipes*).
- Aëdomyia squamipennis*, Arr., in Brazil, IV. **37**; in Br. Guiana, VII. **105**, X. **54**, **217**; in India, IX. **124**; in Panama, I. **223**, VII. **127**, IX. **108**; in Trinidad, V. **60**; in Venezuela, X. **183**; breeding-places of, I. **223**, VII. **105**, X. **54**.
- Aëdomyia venustipes*, Skuse (*catasticta*, Knab), in Australia, I. **11**, IV. **60**; in Oriental Region, X. **230**.
- Aegophagamyia pungens*, Aust., in Zanzibar, III. **50**.
- Aegophagamyia terticeps*, Aust., in Aldabra, VIII. **175**.
- aegrotus*, *Tabanus*.
- aegypti*, *Aedes* (*Culex*) (see *A. argenteus*).
- aegyptium*, *Hyalomma*.
- aegyptius*, *Dermanyssus*.
- Aelia acuminata*, L., flagellates not found in, in France, X. **121**.
- aenea*, *Rachionotomyia*; *Ulidia*.
- aenescens*, *Ophyra*.
- aquisetosa*, *Xenopsylla*.
- aeratipennis*, *Culicoides*.
- Aeschna*, predacious on mosquito larvae in Italy, IX. **142**; destroying *Haematopota* in Russia, III. **196**.
- aestivalis*, *Aedes*.
- aestuans*, *Chrysops*.
- aethiopica*, *Corizoneura* (*Diatomineura*).
- aethiopicus*, *Liponyssus*.
- affinis*, *Asca*; *Grypocampa*; *Piophilina*; *Tabanus*.
- africana*, *Aëdomyia*; *Eukraiohelea*.
- africanum*, *Atrichopogon*.
- africanus*, *Aedes* (*Stegomyia*); *Pharyngobolus*; *Phlebotomus* (*Prophlebotomus*) *minutus*; *Tabanus*; *Taeniorhynchus* (*Mansonioides*).
- agamum*, *Amblyomma*.
- ager*, *Culex* (see *C. bitaeniorhynchus*).
- agilis*, *Laelaps*; *Stenocephalus*; *Tyroglyphus*.
- agitator*, *Culex* (see *C. floridanus*).
- Aglossa cuprealis*, L., in dead bodies, IX. **121**.
- Aglossa pinguinalis*, L., in dead bodies, IX. **121**.
- agnitionalis*, *Tabanus*.
- agnoscibilis*, *Tabanus*.
- agrestis*, *Tabanus*.
- Agrion*, in relation to mosquitos, I. **195**, **196**, IX. **142**.
- agrippinae*, *Listropsylla*.
- Agrotis*, *Tabanid* larvae predacious on, III. **195**; inoculated with *Bacillus melolonthae*, VIII. **86**.
- Agrotis tritici* (see *Euxoa*).
- agyrtes*, *Ctenophthalmus*.
- ahalae*, *Pygiopsylla*.
- aikenii*, *Culex* (*Melanoconion*).
- aikeni*, *Anopheles* (*Neostethopheles*, *Stethomyia*).
- akamushi*, *Trombidium* (*Leptotrombidium*, *Leptus*, *Microtrombidium*, *Trombicula*).
- Akis spinosa*, L., intermediate host of *Hymenolepis diminuta*, V. **14**, VIII. **85**.
- alaskaensis*, *Theobaldia* (*Culex*).
- albatus*, *Leiognathus*.
- albertae*, *Aedes stimulans*.
- albertensis*, *Ceratophyllus ignotus*.
- albescens*, *Aedes* (*Ochlerotatus*); *Uranotaenia*.
- albibasis*, *Johannsenomyia*; *Tabanus*.
- albicans*, *Culicoides*.
- albiceps*, *Chrysomyia* (*Musca*, *Pycnosoma*).
- albicosta*, *Taeniorhynchus* (*Mansonia*).
- albifrons*, *Trigonometopus*.
- albigena*, *Psorophora* (*Janthinosoma*).
- albigeniculatus*, *Rhipicephalus evertsi*.
- albigenu*, *Culex* (see *C. ventrilloni*).
- albihirta*, *Haematopota* (*Chrysozona*).
- albimanus*, *Anopheles* (*Cellia*).
- albimediis*, *Tabanus*.
- albinensis*, *Culex*.
- albionensis*, *Orthopodomyia* (see *O. pulchripalpis*).
- albipalpus*, *Tabanus*.
- albiparmatum*, *Hyalomma aegyptium*.
- albipictus*, *Tabanus*.
- albipennis*, *Nilobezzia armata*; *Nilohelia*; *Olfersia*.
- albipes*, *Anopheles* (see *A. albimanus*); *A. hyrcanus* (*sinensis*); *Megarhinus*; *Tabanus* (see *T. ignotus*).
- albipictum*, *Hyalomma detritum*.
- albipictus*, *Dermacentor*.
- albiprivatus*, *Sabes*.
- albirostris*, *Aedes* (*Culicelsa*); *Anopheles* (*Myzomyia*) (see *A. aconitus*).
- albitarsis*, *Aedes* (*Leucomyia*); *Anopheles* (see *A. pictipennis*); *Uranotaenia calosomata*.
- albithorax*, *Tabanus*.
- albiiventris*, *Culex*; *Ornithoetona*;

- Styloconops* (*Acanthoconops*, *Lep-toconops*).
- alboabdominalis*, *Uranotaenia*.
- alboannulatus*, Macq., *Aedes* (*Culicella*, *Finlaya*, *Ochlerotatus*).
- alboannulatus*, Tayl., *Aedes* (*Daniel-sia*, *Finlaya*) (see *A. (Macleaya) tremula*).
- alboapicalis*, *Anopheles listoni* (see *A. minimus* var. *aconitus*).
- albocephalus*, *Aedes* (*Ochlerotatus*).
- albofasciata*, *Uranotaenia* (see *U. nivipes*).
- albofasciatus*, *Aedes* (*Culex*, *Ochlerotatus*).
- alboguttatus*, *Culicoides*.
- albohirtipes*, *Tabanus* (*Theriopectes*).
- albolineata*, *Polietes*.
- albolineatus*, *Pelecorynchus*.
- albomaculata*, *Musca*.
- albomaculatus*, *Haemagogus* (*Cacomyia*).
- albonotatus*, *Culicoides*.
- albopictus*, *Aedes* (*Stegomyia*); *Thysanognathus* (*Prionognathus*).
- albopilosus*, *Harpactor* (*Rhinocoris*).
- albpunctatus*, *Culex* (*Culicada*) (see *Aedes geniculatus*).
- alboscuteclatus*, *Aedes*.
- albosparsus*, *Culicoides*.
- albosquamata*, *Wyeomyia*.
- albotaeniatus*, *Anopheles* (*Myzorhynchus*).
- alboventralis*, *Aedes* (*Ochlerotatus*, *Protomacleaya*); *Tabanus*.
- albovirgatus*, *Culex* (see *C. duttoni*).
- Alcimus rubiginosus*, Gerst., attacking *Chrysops woodi* in Nyasaland, IV. 171.
- alcocki*, *Culex* (*Choeroporpa*); *Silvius*; *Simulium*.
- aldrichanus*, *Megarhinus*.
- aldrichi*, *Aedes*.
- alene*, *Tabanus*.
- alepis*, *Notoedrus* (*Notoedres*).
- Aleurobinus farinae* (see *Tyroglyphus*).
- alexandrinum*, *Hyalomma pusillum*.
- alexandrinus*, *Tabanus*.
- alfaroi*, *Culex* (*Choeroporpa*).
- algeriensis*, *Anopheles*.
- algius*, *Tabanus*.
- alladinis*, *Ceratophyllus*.
- allopha*, *Anopheles* (*Cellia*).
- allostigma*, *Lutzia*.
- Allotheobaldia*, subgen. n., VIII. 76 (see *Theobaldia*).
- Allothrombium fuliginosum*, Henck-ing, infesting man in England, X. 119.
- alluaudi*, *Bouvierella*; *Haematopota*.
- alogistus*, *Culex* (*Mochlostyrax*).
- aloponotum*, *Aedes*.
- alpha*, *Sarcophaga*.
- Alphitobius*, in swallow's nest in Gold Coast, IV. 81.
- Alphitobius diaperinus*, Panz., on hides from India, III. 143.
- Alphitobius piceus*, Ol., on hides from India, III. 143.
- alpinus*, *Aedes* (*Ochlerotatus*); *Gyrops*.
- alternans*, *Mucidus*; *Simulium*.
- alternata*, *Psychoda*.
- alternatus*, *Tabanus*.
- altiplanum*, *Amblyomma*.
- altiusculum*, *Aedes*.
- Alysia manducator*, Panz., question of introduction of, into Australia, VIII. 174, IX. 156, X. 2, 56, 134; parasite of Muscid flies in Britain and France, II. 134, IV. 146, VIII. 22, 218, X. 2.
- amazonensis*, *Taeniorhynchus* (*Mansonia*).
- amazonicum*, *Simulium*.
- amazonicus*, *Sabethes*.
- ambigua*, *Pseudornithomyia*.
- ambiguella*, *Chysia*.
- ambiguus*, *Oriothylus*.
- ambius*, *Ornithodoros*.
- Amblycorypha oblongifolia*, DeG., used for obtaining pure culture of flagellates, X. 162.
- Amblyomma*, on cattle in E. Africa, VIII. 148; probably transmitting *Anaplasma argentinum* in S. America, VIII. 18, 166; possibly on cattle in Australia, VII. 46; on dogs in Sierra Leone, IV. 150.
- Amblyomma agamum*, Arag., on snakes in Argentina, VII. 11; in Brazil, I. 155; parthenogenesis in, I. 155.
- Amblyomma altiplanum*, Dios, described as new, V. 168; on llamas in Argentina, V. 168, VII. 11.
- Amblyomma americanum*, L., in Canada, IV. 80; in Br. Guiana, VII. 189; hosts of, in U.S.A., II. 102a, III. 154, VI. 183; in Venezuela, IX. 13; on man, II. 102a, VII. 179; on dogs and foxes, II. 102a, III. 4, VI. 183, IX. 96.
- Amblyomma brasiliense*, Arag., in Paraguay, VII. 11.
- Amblyomma brimontii*, Neum., on tortoise in British Guiana, I. 146.
- Amblyomma calcaratum*, Neum., on dogs, III. 4.
- Amblyomma cayennense*, F., in Argentina, VII. 11; in Brazil, II. 53, IV. 59, VI. 90, VIII. 85;

- in Ecuador, VI. 192; in British Guiana, V. 4, X. 54; in Panama, VI. 183, VII. 10; in Paraguay, III. 147; in Venezuela, IX. 13; on dogs, III. 4, IV. 59, VI. 90, 183; on man, II. 53, III. 147, V. 4, VII. 11, X. 54; other hosts of, VI. 90, VII. 11, X. 54; development of pads on feet of, VIII. 89; malformations in, VIII. 218; probably carrying eggs of *Dermatobia hominis*, VII. 10; relation of, to leishmaniasis, II. 53, III. 147; and canine piroplasmiasis, IV. 59.
- Amblyomma concolor*, Neum., hosts of, in Brazil, VI. 90; on armadillos in British Guiana, X. 54; in Venezuela, IX. 13.
- Amblyomma dissimile*, Koch, bionomics of, in British Guiana, V. 4, VI. 178, VII. 71; bionomics of, in Panama, VII. 44, 127, X. 24; in West Indies, II. 129, IX. 150.
- Amblyomma eburneum*, Gerst., in Italian Somaliland, IV. 70.
- Amblyomma fossum*, Neum., in Brazil, VI. 90; on man in Br. Guiana, VII. 129; on dogs, III. 4.
- Amblyomma geayi*, Neum., on *Bradypus tridactylus* in French Guiana, I. 146.
- Amblyomma gemma*, Dön., coloration of, VIII. 133.
- Amblyomma goeldii*, Neum., on toad in French Guiana, I. 146.
- Amblyomma hebraeum*, Koch, in E. Africa, I. 21, III. 133, 218; in S. Africa, I. 83, II. 111, 114, IV. 64, VI. 161, VII. 43, IX. 83; in Angola, VIII. 167; in Belgian Congo, IX. 164; in Nyasaland, VIII. 33; not found in Italian Somaliland, IV. 70; carrying heartwater in domestic animals, IV. 64, VI. 161, IX. 83, 164; probably not conveying contagious impetigo of cattle, VIII. 149; on dogs, III. 4; penetrating beneath the skin of its host, III. 25; coloration of, VIII. 133; malformations in, VIII. 218; regeneration of limbs of, VIII. 133; habits of sexes of, VIII. 23; dipping against, I. 83, II. 114, III. 218, VII. 43, IX. 84.
- Amblyomma hirtum*, Neum., in West Indies, II. 129.
- Amblyomma humerale*, Koch, on turtles in Br. Guiana, V. 4.
- Amblyomma integrum*, Koch, on cattle in Ceylon, X. 67.
- Amblyomma lepidum*, Dön., on Sudanese cattle in Egypt, III. 77; in Italian Somaliland, IV. 70.
- Amblyomma (Hyalomma) longirostre*, Koch, on *Cercolaves vellosus* in Brazil, VI. 90; in Trinidad, II. 129.
- Amblyomma maculatum*, Koch, hosts of, in Argentina, VII. 11; in British Guiana, X. 54; in Ecuador, VI. 192; in U.S.A., VI. 183; on dogs, III. 4, VI. 183, X. 54.
- Amblyomma mantiquirensense*, Arag., on *Dicotyles labiatus* in Br. Guiana, IX. 2.
- Amblyomma marmoreum*, Koch, hosts of, in Gold Coast, IV. 81; in Italian Somaliland, IV. 70; in Sierra Leone, IV. 45.
- Amblyomma naponense*, Pack., on *Dicotyles torquatus* in Br. Guiana, VII. 129.
- Amblyomma oblongoguttatum*, Koch, on *Dicotyles labiatus* in Br. Guiana, IX. 2.
- Amblyomma pacae*, Arag., on armadillos in Br. Guiana, X. 54.
- Amblyomma parvum*, Arag., hosts of, in Brazil, VI. 90.
- Amblyomma petersi*, Karsch, on rhinoceros in S. Africa, III. 222.
- Amblyomma splendidum*, Gieb., in Belgian Congo, V. 35, VI. 161; on cattle in Gold Coast, IX. 101; in Sierra Leone, IV. 45.
- Amblyomma striatum*, Koch, in Brazil, IV. 59; in Paraguay, III. 147; on dogs, III. 4, IV. 59; a possible carrier of leishmaniasis, III. 147; a probable carrier of piroplasmiasis, IV. 59.
- Amblyomma testudinis*, Con., on tortoise in Argentina, VII. 11.
- Amblyomma tholloni*, Neum., on elephant in Belgian Congo, V. 35.
- Amblyomma triguttatum*, Koch, in N. Australia, IV. 11.
- Amblyomma tuberculatum*, Marx, infesting foxes, IX. 96.
- Amblyomma variegatum*, F., in E. Africa, I. 21, VII. 7, X. 16; in S. Africa, IV. 108, VII. 43, IX. 40; in W. Africa, III. 179, IV. 42, 45, 66, 113, VI. 225, IX. 101; in Belgian Congo, V. 35, VI. 161; hosts of, in French Guiana, IV. 21; in Mauritius, III. 53, 221; not found in Italian Somaliland, IV. 70; on cattle in West Indies, II. 129, 175, III. 190, VII. 90,

- VIII. 79; causing heartwater, IX. 40; transmitting lymphangitis, VII. 7; probably transmitting piroplasmosis, IV. 42; penetrating beneath the skin of the host, III. 25; development of pads on feet of, VIII. 89; dipping against, VII. 43, 90.
- Amblyonma varium*, Koch, on *Bradypus tridactylus* in French Guiana, V. 97.
- ameghinoi*, *Tabanus*.
- amenocles*, *Chalcis*.
- americana*, *Cuterebra*; *Graphomyia*; *Haematopota*; *Olfersia*; *Periplaneta* (*Blatta*); *Schistocerca*; *Schöngastia*.
- americanum*, *Amblyonma*.
- americanus*, *Leptoconops kerteszi*; *Leptus*; *Tabanus*.
- amicta*, *Serinetia*.
- amictus*, *Anopheles*.
- amoenus*, *Culicoides* (see *C. chiop-terus*).
- ampelophila*, *Drosophila* (see *D. melanogaster*).
- Amphipsylla certa*, Roths., probably a variety of *A. schelkovnikovi*, IV. 151.
- Amphipsylla contigua*, J. & R., subsp., *locuples*, J. & R., described as new from Turkestan, IV. 32; hosts of, IV. 32.
- Amphipsylla dumalis*, J. & R., described as new from Turkestan, IV. 32; hosts of, IV. 32.
- Amphipsylla primaris*, J. & R., described as new from *Mustela erminea* in Turkestan, IV. 32.
- Amphipsylla schelkovnikovi*, Wagn., on *Microtus* in Caucasia, IV. 151.
- ampyx*, *Hodgesia*.
- Anacampta latiuscula*, Lw., seasonal prevalence of, in Montana, V. 125.
- anacantha*, *Acanthocera*.
- analis*, *Cuterebra* (see *C. apicalis*); *Ophyra*; *Pterygophorus*.
- anastasionis*, *Haemagogus*.
- Anastatus viridiceps*, Wtrst., described as new, III. 142; parasite of *Glossina morsitans* in N. Rhodesia, III. 142, IV. 117.
- Anastellorkina* (*Paracalliphora*) *augur*, F. (*Calliphora oceaniae*, R.-D.), infesting sheep in Australia, I. 225, II. 85, 94, III. 14, 15, 159, 185, IV. 71, 179, 183, V. 6, 165, VII. 100, 124, 187, VIII. 73, 187, IX. 155, X. 1, 15, 56; *Paracalliphora*, gen. n., proposed for, IV. 122; transmission of *Habronema* by, VIII. 187, X. 15; life-cycle of, IX. 155; parasites of, III. 15, IV. 179, VII. 100, X. 1; anatomy of larva of, IX. 64; measures against, III. 13, IV. 71, VII. 124.
- anatis*, *Dichelacera*; *Ixodes*.
- Anax*, predacious on Anopheline larvae, XI. 142.
- anchineuria*, *Ornithomyia*.
- andamanensis*, *Aedes*.
- andersoni*, *Culex*; *Dermacentor* (see *D. venustus*).
- aneles*, *Culex* (*Choeroporpa*).
- Aneurhynchus*, parasite of flies in Britain, VIII. 22.
- angulatus*, *Linognathus*.
- angustifrons*, *Haematopota*; *Lucilia* (see *L. caesar*); *Musca* (see *M. humilis*); *Olfersia*; *Simulium*; *Tabanus*.
- angustimanus*, *Simulium*.
- angustipennis*, *Melanoplus*; *Trigonometopus*.
- angustipes*, *Simulium* (see *S. aureum*).
- angustitarsis*, *Simulium*.
- angustivittatus*, *Aedes*.
- angustus*, *Ixodes*.
- anhydor*, *Uranotaenia*.
- anips*, *Culex* (*Melanoconion*).
- Anisocheleomyia leucoptera*, Theo., in Trinidad, V. 60.
- Anisocheleomyia nivipes* (see *Uranotaenia*).
- Anisolabis*, infested with *Hymenolepis diminuta*, III. 138.
- Anisolabis annulipes*, Lucas, intermediate host of *Hymenolepis diminuta*, V. 14, VIII. 85.
- Anisolabis colosseae* (see *Titanolabis*).
- anisus*, *Ceratophyllus*.
- Ankistrodactylus*, n. n. for *Schizodactylus*, X. 233.
- Ankistrodactylus* (*Schizodactylus*) *par*, I. & M., described as new from Gold Coast, X. 233.
- Ankistrodactylus* (*Schizodactylus*) *telmatoscopus*, I. & M., described as new from Gold Coast, X. 61; breeding-places of, X. 61.
- annamaticus*, *Tabanus*.
- annandalei*, *Anopheles*.
- annetti*, *Taeniorhynchus* (*Mansonioides*).
- annularis*, *Tabanus*.
- annulata*, *Leucomyia* (see *Culex vicinus*); *Theobaldia* (*Culiseta*); *Uranotaenia*.
- annulatum*, *Simulium*.
- annulatus*, *Boophilus* (*Margaropus*).
- annulatus*, Schr., *Culex* (see *Theobaldia*).

annulatus, Tayl., *Culex* (*Culicada*) (see *C. sitiens*); *C. (Lophoceratomyia) fraudatrix*.
annulicornis, *Johannsenomyia*.
annuliferus, *Taeniorhynchus* (*Mansonioides*).
annulioris, *Culex*.
annulipalpis, *Anopheles*; *Armigeres* (*Leicesteria*).
annulipes, *Anisolabis*; *Anopheles* (*Nyssorhynchus*); *Bezzia*; *Taeniorhynchus* (*Mansonioides*).
annulipes, Mg., *Aedes* (*Culex*, *Culicada*, *Ochlerotatus*).
annulipes, Tayl., *Aedes* (see *A. campitorhynchus*).
annulirostris, *Culex* (*Culicelsa*); *Leucomyia* (see *Culex squamosus*).
annulitarsis, *Armigeres* (*Leicesteria*).
annulosus, *Austrolestes*.
Anoetus, infesting plague fleas in India and Java, I. 89, III. 34.
anomala, *Haemaphysalis cornigera*; *Philornis* (*Mydaea*) (see *P. pici*).
anomalus, *Hoplopsyllus*.
Anomiopsyllus nudatus, Baker, hosts of, in Arizona, IV. 33.
Anopheles, absent from Aden, II. 158; synopsis of African, II. 6; in E. Africa, II. 43; in Equatorial Africa, VII. 144, VIII. 18; distribution of, in the Alps, VII. 16; distribution of American species of, VII. 22-24; in Arabia, III. 211, VI. 61; list of Australian, IX. 147; distribution of, in Austria, II. 87; in N. Borneo, IV. 73; probably absent from New Caledonia, II. 39; notice of key to Canadian species of, IX. 113; in French and Belgian Congo, II. 170, VI. 161; in Egypt, VI. 176; in England, VI. 236; northern limit of, in Europe, VIII. 14; in France, VI. 230-235, VII. 15; in Gambia, VI. 47; in Germany, II. 168, VI. 57, 191; absent from Gilbert & Ellice Islands, III. 192; key to Gold Coast species of, VI. 17; absent from Hawaii, VI. 163; in India, IV. 74, V. 88; in Dutch E. Indies, IV. 23, V. 26, 27 (list), VII. 19, 76, 183, VIII. 162; in Ivory Coast, II. 5; in Jamaica, II. 20, IV. 90; in Kamerun, I. 75; in Madagascar, I. 23, II. 86; in Malaya, I. 5, 180, VI. 124-127; larvae of Malayan, III. 228, IV. 54; in Middle East, IX. 13; in Oriental Region, II. 6, III. 101; danger of introduction

of, into New Zealand, VII. 180; in Palaearctic Region, X. 18; in Panama, I. 8, 121, IV. 97 (list), V. 34, VII. 127; list of, in Papua, III. 153; in Peru, X. 24; in Philippines, II. 101; in Sardinia, V. 117; in Senegal, I. 52; distribution of, in Switzerland, VI. 52; in Trinidad, II. 24, V. 59 (list), IX. 57; in U.S.A., II. 78, III. 78, V. 143; in Venezuela, IX. 13; in Zanzibar, III. 49, VIII. 112; flagellates found in, VIII. 88; species of, transmitting malaria, II. 133, 168, III. 101, IV. 73, 74, 104, 152, VII. 185, IX. 205; effect of numbers of, on incidence of malaria, VI. 121; bionomics of malarial parasite in, V. 154, 183; experiments in direct transmission of malaria by, IX. 142, 199; effect of humidity on transmission of malaria by, IX. 87; and horse sickness, VI. 161; and epidemic jaundice, V. 182; not carrying leishmaniasis, III. 202; on ships, II. 1, IV. 131; natural enemies of, VI. 130, 186; hibernation of, VI. 5, 77, VII. 130, IX. 167; range of flight of, IX. 123, X. 49; migration of, IX. 26; swarming of, VIII. 94, IX. 200; attracted by light, II. 195; feeding in winter, X. 6, 10, 19, 22, 200, 201; not feeding readily on birds, VIII. 171; relation of, to domestic animals, VIII. 62, IX. 83, 114, 131, 135, 152, 153, 154, 172, 193, X. 3, 6, 19, 21, 32, 34, 35, 39, 49, 52, 53, 68, 71, 72, 86, 89, 100, 101, 115, 151, 192, 196, 200, 201, 202, 217, 225, 228-229, 233; effect of temperature on life of, IX. 199; classification of, I. 128, 131, 229, IV. 73, 74, V. 34, VII. 22-24, 139, X. 18; anatomy of, IV. 24, VI. 208, VIII. 97, X. 75, 80; pilotaxy of, IV. 23, X. 64; larval characters of, I. 33, 35, 229; terminology used in describing larvae of, VIII. 55; function of caudal tufts in larvae of, IX. 134; respiration of larvae of, X. 211; breeding amongst *Pistia stratiotes*, VIII. 175; breeding habits of, X. 142, 208; not breeding in salt water, X. 174; methods of breeding, experimentally, IX. 115; effect of *Chara* spp. on, VIII. 61, X. 108, 136, 221; measures against, II. 5, V. 26, VI. 57, 124-127, 176, VIII. 166, 167.

- X. 66; traps for, II. 161. (See also under the various species.)
- Anopheles* (**Myzomyia*) *aconitus*, Dön., and var. *cohaesa minima*, Swellgr. (see *A. minimus aconitus*).
- Anopheles* (**A.*, *Neostethopheles*, *Stethomyia*) *aikeni*, James (*fragilis*, Theo., *pallidus*, Ludl., *treacheri*, Leic.), in India, II. 193, IV. 124, IX. 6; in Dutch E. Indies, VII. 76, 183, VIII. 54, 56, IX. 173; in Malaya, III. 102, IV. 67, V. 54, VI. 126, VIII. 84, IX. 74, 134; *A. algeriensis* possibly recorded as, in Palestine, IX. 99; in Philippines, III. 65; absent from Sumatra, V. 26; not a proven carrier of malaria, VI. 126; anatomy of, IX. 173; breeding-places of, IX. 74, 134; synonymy of, I. 6.
- Anopheles aikeni* var. *insulæflorum*, Swellgr., described as new, VIII. 136; in Moluccas, VIII. 136, 152, 153.
- Anopheles aikeni* var. *papuae*, Swellgr., described as new, VIII. 136; breeding-places of, in New Guinea, VIII. 136, 153.
- Anopheles* (*Cellia*, **Nyssorhynchus*) *albimanus*, Wied. (*albipes*, Theo., *cubensis*, Agramonte), in Argentina, VIII. 107, X. 43; in Brazil, I. 199, II. 133, IV. 37, VI. 90, 91, VIII. 25, IX. 6, X. 175, 216, 234; in Costa Rica, X. 31; in Ecuador, VI. 192; in French Guiana, VI. 160; in Jamaica, IV. 90; in Panama, II. 46, 47, III. 223, IV. 97, 98, V. 1, 34, VII. 127, VIII. 197, IX. 108, X. 11, 24; in Porto Rico, X. 59; in St. Croix, IX. 150; in St. Vincent, II. 47; in Trinidad, V. 6; in Venezuela, V. 100, VII. 69, IX. 13, X. 62; and malaria, I. 199, II. 133, IV. 90, 104, V. 100, VI. 192, IX. 6, X. 31, 59, 216; specially attacking horses, IX. 131; breeding-places of, VI. 91, VII. 24, X. 24, 59; morphological characters of, X. 62; *A. tarsimaculatus* treated as a variety of, X. 11, 62.
- Anopheles* (**Nyssorhynchus*) *albipes*, Theo. (see *A. albimanus*).
- Anopheles* (**Myzomyia*) *albirostris*, Theo. (see *A. minimus aconitus*).
- Anopheles* (**Nyssorhynchus*) *albittarsis*, Arrib. (see *A. pictipennis*).
- Anopheles* (**A.*, *Myzorhynchus*) *albotæniatus*, Theo., in Borneo, III. 11, IV. 73; in Dutch E. Indies, IV. 23, V. 27, VI. 110, 213, VII. 76, 183, VIII. 55, 135, IX. 135, 136, 173, X. 39; in Malaya, I. 6, 229, III. 102, V. 10; and malaria, IV. 73; not experimentally transmitting malaria, VIII. 135; anatomy of, IX. 173; breeding-places of, VII. 76, 183, IX. 135, 136.
- Anopheles albotæniatus* var. *montanus*, Stanton & Hacker, described as new, V. 54; in Malaya, V. 54, VIII. 84, IX. 74; and malaria, IX. 74; breeding-places of, IV. 54, IX. 74.
- Anopheles* (**A.*) *algeriensis*, Theo. (*lukisi*, Christ.), in Algeria, V. 161; rare in Caucasus, X. 10; in Mesopotamia, IV. 172, VII. 102, IX. 146, 159; in Palestine, VIII. 51, IX. 99; transmitting filariasis in Tunis, I. 43, VII. 58, X. 180; a possible carrier of Baghdad boil, VII. 102; breeding-places of, IX. 99; synonymy of, X. 18; possibly recorded as *A. fragilis* in Palestine, VIII. 60, IX. 99, X. 28.
- Anopheles* (*Cellia*, **Nyssorhynchus*) *allopha*, Lutz & Peryassu, only occurring in Brazil, IX. 6.
- Anopheles* (**Myzomyia*) *amictus*, Edw., described as new, IX. 133; in N. Australia, IX. 133, X. 233.
- Anopheles* (**A.*) *annandalei*, Prashad, described as new, VIII. 31; breeding in trees in India and Assam, VIII. 31, X. 79, 230; larva of, X. 230.
- Anopheles* (**Nyssorhynchus*) *annulipalpis*, Lynch, in Argentina, VII. 23, VIII. 107, IX. 5, X. 43.
- Anopheles* (**Myzomyia*, *Nyssorhynchus*) *annulipes*, Wlk., in Australia, I. 10, II. 12, III. 37, 207, IV. 11, 60, 73, 182, 183, V. 67, 94, VI. 223, 227, VII. 61, 175, 187, VIII. 174, IX. 139, 147, X. 232, 233; in Formosa, III. 102; in Papua, III. 153; in Solomon Islands, III. 37; and malaria, I. 10, III. 102, 153, IV. 104, VI. 223, VII. 61, IX. 139; breeding-places of, IV. 73, 182, VI. 223, VIII. 174, X. 232.
- Anopheles annulipes* var. *moluccensis*, Swellgr., described as new, VIII. 136; a synonym of *A. punctulatus* var. *moluccensis*, q.v.
- Anopheles antennatus*, Beck. (see *A. bifurcatus*).
- Anopheles* (*Arribalzagia*, **Nyssorhynchus*) *apicimacula*, D. & K.,

- in Central America, VII. 23; in Dutch Guiana, X. 76; in Mexico, VII. 23; in Panama, IV. 97, V. 1, 34, VII. 127, VIII. 197, IX. 108, X. 11, 22; in Trinidad, V. 59, VII. 23; breeding-places of, X. 76.
- Anopheles (Cellia, *Nyssorhynchus) argyritarsis*, R.-D., in Argentina, VIII. 107, IX. 5; in Brazil, I. 199, II. 133, IV. 37, VI. 90, 91, VIII. 25, IX. 6, X. 175, 216; in British Guiana, IX. 135, X. 33, 54; in Dutch Guiana, X. 76; in French Guiana, VI. 160; in Panama, II. 46, IV. 97, V. 1, 34, VII. 127, VIII. 197, IX. 108, X. 11, 22; in Trinidad, II. 24, V. 60; in Venezuela, V. 100, VII. 69, IX. 13, X. 61, 62, 158; in West Indies, II. 133, III. 97, IV. 90, VII. 33; and malaria, I. 199, II. 133, IV. 90, 104, V. 100, VIII. 25, 107, IX. 6, X. 33, 61, 76, 158, 216; carrying *Filaria nocturna*, II. 133; breeding-places of, VII. 23, X. 33, 54, 76; morphological characters of, X. 62.
- Anopheles (*A.) argyropus*, Swellgr. (see *A. mauritanus*).
- Anopheles (*A., Lophoscelomyia, Myzorhynchus) asiaticus*, Leic., in Malaya, I. 6, 7, 229, II. 106, III. 102, IX. 74; and malaria, IX. 74; breeding-places of, II. 106, IX. 74.
- Anopheles (*A., Pyrelophorus) atratipes*, Skuse, in Australia, II. 149, III. 37, IV. 182, IX. 147; in Solomon Islands, III. 37.
- Anopheles (*A.) atropos*, D. & K., in U.S.A., VII. 23, VIII. 78.
- Anopheles (*Myzomyia) aurostris*, Watson, in Malaya, III. 102, X. 74; and malaria, X. 74; breeding-places of, X. 74.
- Anopheles (*A., Myzorhynchus) bancrofti*, Giles (*pseudobarbirostris*, Ludl.), in Australia, I. 11, II. 12, IV. 11, 60, 183; V. 67, VI. 27, 227, IX. 147, X. 204, 233; not a carrier of malaria in Papua, III. 153; in Philippines, III. 65; probably not a carrier of *Onchocerca gibsoni*, VI. 27; breeding-places of, X. 204, 233.
- Anopheles (*A., Coelodiazesis) barberi*, Coq., in U.S.A., I. 98, V. 52, VII. 23, VIII. 78; breeding-places of, I. 98, VII. 23; predacious larva of, V. 52.
- Anopheles (*A.) barbirostris*, Wulp, in Andamans, I. 51; in Australia, III. 37, IV. 8; in Borneo, III. 11, IV. 73; in Burma, III. 50, 222; in Ceylon, II. 130, VIII. 50; in Cochín-China, II. 155, 198; in New Guinea, IV. 127; in India, II. 133, 154, 192, 193, 194, III. 40, IV. 74, 124, VIII. 5, 106, IX. 6, 124, 130, X. 67; in Dutch E. Indies, IV. 23, V. 27, VI. 53, 110, 156, 213, 214, VII. 76, 96, 97, 98, 183, VIII. 54, 152, IX. 3, 4, 135, 136, 173, X. 38, 120; in Madagascar, IX. 68; in Malaya, I. 6, 7, 18, 229, II. 46, III. 102, V. 10, VIII. 84, 123, IX. 73, 74, X. 57, 58, 153, 207; in Philippines, II. 133, III. 65-67, 213; and malaria, I. 51, II. 133, III. 65, 102, 213, IV. 73, 74, 104, VI. 126, VII. 97, 98, VIII. 125; breeding-places of, II. 154, VII. 183, IX. 73, X. 57, 120; resistance of eggs of, to desiccation, X. 207; tail-hooks in larva of, X. 75; anatomy of, IX. 173; placed in subgenus *Myzorhynchus*, I. 131.
- Anopheles barbirostris* var. *pallidus*, Swellgr., described as new, VII. 183; in Dutch E. Indies, VII. 183, VIII. 56, 152, X. 179; breeding-places of, VII. 183, X. 179; sexual pigmentation of larva of, X. 179.
- Anopheles (*A.) barianensis*, James & List. (*A. plumbeus*, auct. nec Hal.), in India, I. 142, IV. 74, VIII. 30, 31, 161, X. 79; breeding-places of, IV. 74, VIII. 31, X. 79.
- Anopheles (Dendropaedium, *Nyssorhynchus) bellator*, D. & K., in Trinidad, II. 24, V. 60, 82, VII. 23; breeding-places of, II. 24, V. 82.
- Anopheles (*A.) bifurcatus*, L. (*claviger*, Mg.), in the Aegean Islands, VII. 148; in Albania, VI. 175, VII. 138; distribution of, in the Alps, VII. 16; in S.W. Asia, IX. 13; in Austria, IX. 172; in Balkans, VI. 72, 117, 162, 201, VII. 78, 141, VIII. 87, 90, IX. 21, 91, 177; in Belgium, IX. 173; in Britain, VI. 175, VII. 33, 42, 65, 110, 190, VIII. 96, 139, 177, 192, 193, IX. 5, 118, X. 16, 80, 86, 105, 165; in Denmark, VII. 172, IX. 154; in Egypt, VIII. 35, IX. 98; in France, IV. 139, V. 148, VI. 23, 24, 190, 206, 234, VII. 41, 53, 59, 69, 99, 122, 146, VIII. 39, 82, 144, 211, IX. 49, 193; in

- Germany, II. 78, VI. 212, VII. 69, VIII. 27, 28, 62, 63, 121, 135, 169, 171, 172, 213, 214, IX. 29, 30, 68, 184, X. 6, 36, 51, 128, 192; in Greece, IV. 87; in Holland, X. 20, 151, 200; in Italy, I. 40, VII. 156, VIII. 140, 192, 221-223, IX. 167; in Mesopotamia, IX. 159; in Palestine, VIII. 51, 91, IX. 98, X. 27, 28; in Rumania, VI. 191; in Russia, II. 108, V. 84, X. 10; in Sweden, X. 87; in Switzerland, III. 225, V. 42, VI. 52, 172, X. 7, 8, 92; in Turkestan, I. 196; and malaria, IV. 104, V. 84, VI. 190, VII. 33, VIII. 35, 91, 96, 169, IX. 68, 98, 118, 172; hibernation of, I. 196, V. 42, VI. 24, VII. 65, VIII. 27, 28, 177, 221, IX. 167, 193, X. 7, 192; breeding-places of, I. 196, V. 42, 148, VI. 172, VII. 122, 146, 172, 190, VIII. 192, 193, 211, 222, IX. 91, 98, X. 27, 86, 192; breeding experiments with, X. 36; cannibal larva of, VI. 162; parasites of larva of, VI. 79, 135, X. 128; not attacked by parasites of other mosquitos, X. 86, 185; effect of larvicides on, VII. 126, 135, VIII. 211; effect of saline water on, VIII. 223; anatomy of larva of, X. 80, 211; egg of, X. 51, 61; male genitalia of, VIII. 97; zones of flight of, VI. 234; synonymy of, X. 18; characters differentiating from *A. plumbeus*, X. 86, 132.
- Anopheles* (Kertessia, *Nyssorhynchus) boliviensis, Theo., in S. America, V. 82, VII. 23; a bromelicolous species, V. 82; confused with *A. cruzi*, D. & K. (lutzi, Theo.), VII. 25.
- Anopheles* (Cellia, *Nyssorhynchus) braziliensis, Chagas, in Brazil, VI. 90, 91, VIII. 24, IX. 6, X. 175; and malaria, IX. 6, X. 175; biting by day, VI. 91.
- Anopheles* (*A.) brevipalpis, Roper, described as new, III. 11; in N. Borneo, III. 11, IV. 73; in Dutch E. Indies, X. 149; in Malaya, III. 212; genus *Memnemyia* proposed for, III. 212.
- Anopheles* (*Myzomyia, Pyretophorus) cardamitisi, Newst. & Cart. (see *A. superpictus*).
- Anopheles* (*Myzomyia) chaudoyei, Theo. (see *A. multicolor*).
- Anopheles christophersi*, Theo. (see *A. minimus*).
- Anopheles* (*Myzomyia) cinctus, Newst. & Cart., in Gold Coast, VI. 17.
- Anopheles* (*Myzomyia) cinereus, Theo., in Arabia, III. 212, IV. 173, IX. 13; in S. Africa, IX. 128; breeding-places of, IV. 173.
- Anopheles claviger*, F. (see *A. maculipennis*).
- Anopheles claviger*, Mg. (see *A. bifurcatus*).
- Anopheles covethroides*, Theo. (see *A. stigmaticus*).
- Anopheles* (*Myzomyia, Pyretophorus) costalis, Theo., in E. Africa, VIII. 164, X. 94, 223; in S. Africa, IX. 128; in Tropical W. Africa, II. 27, IV. 21, 44, 45, 49, 66, 81, 112, 150, 161, 165, V. 3, 45, 47, 57, VI. 11, 17, 38, 225, VII. 169, VIII. 11, 217, IX. 31, 42, X. 62, 114, 126, 167, 180, 188, 225, 226; in Arabia, III. 212, IX. 13; in Belgian Congo, I. 220, III. 121; at Khartoum, I. 166, 167, VII. 111; in Madagascar, IX. 68; in Mauritius, X. 106, 225; in Nyasaland, X. 62; in Zanzibar, III. 49, V. 147, VI. 123, VIII. 112; and malaria, II. 27, IV. 66, 104, V. 147, VI. 38, VIII. 112, IX. 128, X. 106, 126, 167, 225; transmitting *Filaria bancrofti*, IX. 42, X. 180, 225; biting habits of, V. 133; pupa of, V. 167; breeding-places of, IV. 44, 112, 161, VIII. 11, X. 223; effect of salt on larvae of, II. 84; destroyed with kerosene, V. 57.
- Anopheles coustani*, Lav., in Madagascar, IX. 68.
- Anopheles* (*A.) crucians, Wied., in Cuba, II. 21; in Jamaica, II. 21, IV. 90; in U.S.A., I. 22, 98, 118, II. 21, 162, III. 80, 182, 212, 213, IV. 76, 92, 136, 152, 180, V. 101, VI. 154, VII. 23, 47-49, 74, 88, 130, 153, 169, 185, VIII. 58, 78, 187, IX. 88, 117, 138, 179, X. 29, 93, 111, 148; in Venezuela, V. 100; and malaria, II. 133, 162, III. 213, IV. 76, 90, 92, 136, 152, V. 100, VI. 154, VII. 49, 88, 153, 185, X. 148; a daylight species, I. 22, II. 21, VII. 153; hibernation of, VII. 130; breeding-places of, I. 98, III. 212, V. 101, VII. 23, 47, 88, IX. 117, 138, X. 29, 93; food of larva of, VII. 169.
- Anopheles* (Dendropaedium, *Nyssorhynchus) cruzi, D. & K. (lutzi, Theo.), in Brazil, I. 230, II. 43, VII. 23, IX. 6; in Panama, IV.

- 97; and malaria, I. 230, II. 43; breeding-places of, IX. 6; identity of, VII. 25, X. 76.
- Anopheles cubensis*, Agramonte (see *A. albimanus*).
- Anopheles* (**Myzomyia*) *culicifacies*, Giles, in Arabia, IV. 173, IX. 13; in Assam, II. 153; in Burma, III. 50, 222; in Ceylon, II. 47, 70, 130, VIII. 50; in Egypt, III. 10; in India, I. 143, 218, II. 154, 191, 192, 193, III. 39, 40, 41, 66, 102, IV. 74, V. 39, VI. 2, 173, 195, 196, VIII. 106, 107, IX. 6, 130, X. 67, 75, 79; in Palestine, II. 100; in Tunis, X. 68; and malaria, I. 143, 218, II. 47, 70, 130, III. 39, 41, 66, 102, IV. 74, VI. 2, 195, VIII. 107; breeding-places of, III. 39, IV. 173; tail-hooks in larva of, X. 75.
- Anopheles culicifacies* var. *sergenti* (see *A. sergenti*).
- Anopheles* (**A.*, *Coelodiazesis*) *culiciformis*, Cogill, breeding-places of, in India, IV. 124, VIII. 31.
- Anopheles* (**Myzomyia*) *domicolus*, Edw., described as new from N. Nigeria, IV. 64.
- Anopheles d'thali*, Patton (see *A. rhodesiensis*).
- Anopheles* (**A.*) *eiseni*, Coq. (*tibio-maculatus*, Neiva), in Brazil, VI. 90, IX. 6; in Dutch Guiana, X. 76; in Panama, IV. 97, V. 34, VIII. 95, X. 11; in Trinidad, II. 24, V. 60; breeding-places of, II. 24, VII. 23, X. 76; described as *A. niveopalpis*, sp. n., VIII. 95.
- Anopheles elegans*, James (see *A. leucosphyrus*).
- Anopheles* (**A.*) *elutus*, Edw. (*maculipennis* var.), described as new, X. 18; distribution of, X. 18; in Mesopotamia, IX. 146, 159; in Palestine, VII. 5, VIII. 51, IX. 98, X. 28, 169; and malaria, VIII. 91, IX. 98, X. 28, 169; breeding-places of, IX. 98.
- Anopheles* (**Chagasia*) *fajardoi*, Lutz, in Brazil, VI. 90, VII. 23, IX. 6; a forest species in Dutch Guiana, X. 76.
- Anopheles* (**Myzomyia*) *febrifer*, Banks (see *A. minimus*).
- Anopheles* (**Myzomyia*) *flaviceps*, Edw., described as new from Sudan, IX. 133.
- Anopheles* (**Myzomyia*) *flavicosta*, Edw., in Gold Coast, VI. 17.
- Anopheles* (**Myzomyia*) *flavirostris*, Ludl., described as new from Philippines, II. 70; a synonym of *A. minimus*, q.v.
- Anopheles* (**Myzomyia*) *flavus*, Swellgr., described as new from Dutch E. Indies, VI. 214; a synonym of *A. immaculatus*, q.v.
- Anopheles* (**Myzomyia*) *formosaensis*, Tsuzuki, in Formosa, III. 102; and malaria, III. 102, IV. 104.
- Anopheles* (**Myzomyia*) *fowleri*, Christ. (see *A. pallidus*, Theo.).
- Anopheles* (**A.*, *Stethomyia*) *fragilis*, Theo., *A. algeriensis* possibly recorded as, in Palestine, VIII. 60, IX. 99, X. 28; a synonym of *A. aitkeni*, q.v.
- Anopheles franciscanus*, McCrack. (see *A. pseudopunctipennis*).
- Anopheles* (*Pyretophorus*) *freerae*, Banks (see *A. fuliginosus*).
- Anopheles* (**Myzomyia*, *Nyssorhynchus*) *fuliginosus*, Giles, in Assam, II. 153; in Burma, III. 50, 222, VI. 37; in Ceylon, II. 130, VIII. 50; in Formosa, VI. 50; in India, I. 143, II. 133, 154, 192, 194, III. 40, 41, IV. 74, 118, V. 39, VI. 2, 173, 195, 196, VIII. 106, 107, IX. 6, 124, 130, X. 68, 75; in Dutch E. Indies, IV. 23, V. 27, VI. 156, 214, VII. 76, 96, VIII. 54, IX. 3, 4, 135, X. 39, 120; in Malaya, I. 5, 18, 34, II. 204, III. 102, 202, IV. 67, VI. 125, 126, VIII. 84, 123, IX. 73, 74, X. 58, 207; in Philippines, II. 133, III. 65; absent from Sumatra, V. 26; and malaria, I. 143, II. 133, III. 40, 50, 102, IV. 74, 104, VI. 2, 126, 195, VIII. 107, IX. 73; breeding-places of, II. 154, III. 40, 41, IV. 118, VI. 156, 173, VIII. 54, IX. 74; natural enemies of, II. 204, VI. 37; tail-hooks in larva of, X. 75; synonymy of, I. 6.
- Anopheles fuliginosus nivipes*, Theo., in Dutch E. Indies, VIII. 56, IX. 173; in Malaya, I. 6, II. 46; anatomy of, IX. 173.
- Anopheles* (**Myzomyia*) *funestus*, Giles, in E. Africa, VIII. 164; in Tropical W. Africa, II. 27, 133, III. 1, IV. 21, 44, 45, 85, 104, 150, 161, V. 3, 45, VI. 17, 141, 225, VII. 169, VIII. 12, IX. 21, 31, X. 167, 226; in Arabia, III. 212; in Belgian Congo, I. 220; in Madagascar, IX. 68; in Nyasaland, X. 62; recorded in error from Philippines,

- II. 133, III. 65; in Zanzibar, III. 49, VI. 123, VIII. 112; and malaria, II. 27, 133, III. 65, IV. 44, 84, 104, VI. 123, VIII. 112; breeding-places of, III. 212, IV. 161, VIII. 12; pupa of, V. 167.
- Anopheles funestus* var. *arabicus*, Christ., breeding-places of, in Muscat, IV. 173.
- Anopheles funestus listoni*, List. (see *A. listoni*).
- Anopheles* (**A.*) *gigas*, Giles, in Ceylon, II. 130; in India, IV. 124, VIII. 161, X. 79; in Dutch E. Indies, VII. 188, IX. 173, X. 79; in Malaya, X. 79; anatomy of, IX. 173, X. 75, 231; supposed larva of, VII. 183.
- Anopheles* (*Myzorhynchella*) *gilesi*, Neiva, in Brazil, VII. 23, IX. 6.
- Anopheles gorgasi*, D. & K., in Panama, IV. 97.
- Anopheles* (*Cyclolepteron*) *grabhami*, Theo., in Greater Antilles, VII. 23; in Jamaica, II. 133, IV. 90; in Porto Rico, X. 59; and malaria, II. 133; breeding-places of, VII. 23.
- Anopheles guttulatus*, Harris (see *A. quadrimaculatus*).
- Anopheles* (**Myzomyia*, *Pyretophorus*) *hispaniola*, Theo. (*myzomyifacies*, Theo.), in Algeria and Tunisia, IV. 190, VII. 43, 123, X. 49, 68; variety of, X. 49; and malaria, IV. 104, 190.
- Anopheles* (**A.*) *hunteri*, Strickl., described as new from Malaya, V. 10; a synonym of *A. separatus*, q.v.
- Anopheles* (*Dendropaedium*, **Nysorhynchus*) *hylephilus*, D. & K., described as new, V. 82; in Central America, V. 82, VII. 23; in Dutch Guiana, X. 76; in Panama, X. 11; breeding-places of, X. 11.
- Anopheles* (**A.*, *Myzorhynchus*) *hyrcanus*, Pall. (*nigerrimus*, Giles, *pseudopictus*, Gr., *sinensis*, Wied.), in Albania, VI. 175; in S.-W. Asia, IX. 13; in Balkans, VI. 117, 162, 201, VII. 78, 141, VIII. 90, IX. 20, 91, 177; in Burma, III. 222; in Ceylon, II. 130, VIII. 50; in China, I. 232, II. 28, 133, III. 141; in Cochin China, I. 198; not recorded from Egypt, IX. 99; in Formosa, VI. 50; in France, IX. 49; in Germany, IX. 35; in Greece, V. 87; in India, II. 40, 41, 50, IV. 118, VI. 195, IX. 6, 124, 130, X. 68; in Dutch E. Indies, IV. 23, V. 26, 27, VI. 53, 110, 156, 213, 214, VII. 76, 96, 97, 183, VIII. 54, 152, IX. 3, 4, 135, 136, 173, X. 5, 38, 39, 150, 179; new mosquito resembling, in Japan, IX. 117; in Malaya, I. 6, 18, 34, 229, II. 46, 202, 204, III. 102, 202, IV. 54, 67, V. 10, VIII. 80, 84, 85, 123, IX. 73, 74, X. 57, 58, 153, 207; in Mesopotamia, VIII. 111, IX. 146; in Palestine, VIII. 51, IX. 99, X. 209; in Philippines, II. 133, III. 65-67, 214; in Rumania, VI. 191, 192; in Russia, II. 108, X. 10; and malaria, III. 102, 202, IV. 104, VI. 27, 192, VIII. 80, IX. 177, X. 38, 39, 179; experiments in transmission of malaria by, VI. 126, VIII. 135, 136, IX. 35; anatomy of, IX. 173; breeding-places of, IV. 118, VI. 162, 201, VII. 183, VIII. 54, IX. 73, 74, 99, 135, 136, X. 38, 57, 58, 150; value of fish against, X. 209; natural enemies of, II. 204, VIII. 123; control of, in ricefields, X. 195; tail-hooks in larva of, X. 75; synonymy of, I. 6, VIII. 49; placed in subgenus *Myzorhynchus*, I. 131.
- Anopheles hyrcanus* (*pseudopictus*) var. *flerowi*, Portch., and malaria in Turkestan, I. 196.
- Anopheles hyrcanus* (*sinensis*) var. *mesopotamiae*, Christ., described as new, III. 212; in Mesopotamia, III. 212, IV. 172, VII. 102, IX. 159; a possible carrier of Baghdad boil, VII. 102.
- Anopheles hyrcanus* var. *peditaeniatum*, Leic., in Malaya, X. 58, 207.
- Anopheles hyrcanus* var. *vanus*, Theo., in Mesopotamia, IX. 159.
- Anopheles* (**Myzomyia*) *immaculatus*, Theo. (*flavus*, Swellgr.), in Dutch E. Indies, VI. 214, IX. 173; previously recorded as *A. flavus*, VI. 214, VIII. 176, IX. 173; probably a form of *A. vagus*, IX. 133; anatomy of, VII. 56, IX. 173.
- Anopheles indefinitus*, Ludl. (see *A. vagus*).
- Anopheles* (**Myzomyia*) *indiensis*, Theo., in Hong Kong, III. 141, VI. 50.
- Anopheles* (**A.*, *Arribalzagia*, *Cyclolepteron*) *intermedius*, Chagas, in

- Brazil, VII. 23, IX. 6; and malaria, IX. 6.
- Anopheles jamesi*, List. (see *A. fuliginosus*).
- Anopheles* (**Myzomyia*, *Nyssorhynchus*) *jamesi*, Theo., in Ceylon, II. 130, VIII. 50; in India, II. 192, 193, 194, III. 40, 42, IV. 124, VIII. 5, IX. 6, 124, X. 67; in Dutch E. Indies, VII. 76, 96, VIII. 56, IX. 173; tail-hooks in larva of, X. 75.
- Anopheles jesoensis*, Tsuzuki (see *A. hyrcanus*).
- Anopheles* (**Myzomyia*, *Pyrethrophorus*) *jeyporensis*, Theo., in Hong Kong, III. 141, VI. 50; in India, I. 218, II. 192, 193, III. 41, IV. 124; breeding-places of, III. 41.
- Anopheles* (**Myzomyia*, *Nyssorhynchus*) *karwari*, James, in Hong Kong, III. 141, VI. 50; in India, II. 193, III. 42, IX. 6; in Dutch E. Indies, V. 26, 27, VII. 184, VIII. 54, X. 39; in Malaya, I. 6, 18, 34, II. 202, III. 102, IV. 67, VI. 125, 126, VIII. 84, 85, IX. 74, 134, X. 58, 207; experimentally infected with malaria, VI. 126; not a proven carrier of malaria, III. 102; natural enemies of, II. 204; breeding-places of, VII. 184, IX. 74, 134, X. 58; synonymy of, I. 6.
- Anopheles* (*Cellia*, **Myzomyia*) *kochi*, Dön., in Borneo, III. 11, IV. 73; in Burma, III. 50; in Dutch E. Indies, IV. 23, V. 27, VI. 53, 110, 156, 213, 214, VII. 76, 96, 97, 184, VIII. 53, 54, IX. 3, 4, 135, 136, X. 5, 38, 39, 120; in Malaya, I. 6, 18, II. 46, 202, III. 10, 102, IV. 67, VI. 126, VIII. 84, IX. 74, X. 207; in Philippines, III. 65; and malaria, X. 38; experimentally infected with malaria, VI. 126, VII. 97, VIII. 135, 136, IX. 136; probably not a carrier of malaria, II. 133, III. 102; breeding-places of, III. 11, VII. 184, VIII. 54, IX. 74, 136, X. 207; synonymy of, I. 6.
- Anopheles leucopus*, Dön. (see *A. fuliginosus*).
- Anopheles* (**Myzomyia*, *Neomyzomyia*) *leucosphyrus*, Dön. (*elegans*, James), in Borneo, III. 11, IV. 73; in India, II. 193, IV. 124, IX. 6, X. 67; in Dutch E. Indies, IV. 23, V. 26, 27, VI. 110, 156, VII. 76, 184, VIII. 55, 152, IX. 135, X. 5; in Malaya, I. 6, II. 102, III. 102, V. 54, VIII. 84, IX. 74, X. 57, 58; and malaria, IV. 73, V. 26, IX. 74, X. 5; not experimentally transmitting malaria, VIII. 135; breeding-places of, V. 54, VII. 76, 184, IX. 74, X. 57; synonymy of, I. 6.
- Anopheles leucosphyrus hackeri*, Edw., probably not a distinct variety, IX. 133.
- Anopheles lewisi*, Ludl., described as new from Siberia, VIII. 207; a synonym of *A. maculipennis*, q.v.
- Anopheles* (**A.*) *lindesayi*, Giles, in India, IV. 124, VIII. 161, IX. 117, X. 79; anatomy of, VI. 208.
- Anopheles* (**Myzomyia*) *listoni*, List., in Ceylon, II. 130, VIII. 50; in Formosa, III. 102, VI. 50; in India, I. 218, II. 192, 193, III. 40, 41, 102, IV. 74, 118, VI. 2, 195, IX. 6, X. 67, 75; in Malaya, III. 202; and malaria, I. 218, III. 102, 202, IV. 74, 104, VI. 2, 195; breeding-places of, I. 218, IV. 118; tail-hooks in larva of, X. 75.
- Anopheles listoni alboapicalis*, Theo. (see *A. minimus aconitus*).
- Anopheles* (**Myzomyia*) *ludlowi*, Theo., in Andamans, I. 51, III. 102; in Borneo, III. 11, IV. 73; in Formosa, VI. 50; in India, II. 194, IV. 74, 118, IX. 6, X. 67; in Dutch E. Indies, IV. 23, 130, V. 26, 27, VI. 53, 156, 213, 214, VII. 96, 97, 98, 184, VIII. 53, 55, 135, 152, 153, IX. 4, 36, 114, 130, 131, 173, X. 38, 39, 95, 113, 150, 151, 152; in Malaya, I. 6, 34, III. 102, IV. 54, VI. 124, VIII. 80, 123, IX. 74, X. 58, 207; in Philippines, II. 70, III. 65; and filariasis, X. 95; and malaria, I. 51, II. 133, III. 102, IV. 54, 73, 74, V. 26, VI. 124, VII. 96, 97, 98, VIII. 80, 135, 153, IX. 4, 36, 74, 114, 130, 131, 205, X. 5, 38, 39, 150, 151; breeding-places of, I. 51, II. 70, IV. 130, V. 142, VII. 184, VIII. 53, 55, 123, IX. 74, X. 150; early stages of, III. 117; anatomy of, IX. 173; reproductive capacity of, X. 207; *A. subpictus* distinct from, X. 113.
- Anopheles* (**A.*) *lukisi*, Christ., described as new from Mesopotamia, IV. 172; a synonym of *A. algeriensis*, q.v.

- Anopheles* (*A., *Myzorhynchella*) *lutzi*, Cruz, in Brazil, VI. 90, VII. 23, IX. 6; in Dutch Guiana, X. 76; and malaria, IX. 6; bionomics of, VI. 90.
- Anopheles lutzi*, Flu, doubt as to identity of, X. 76.
- Anopheles lutzi*, Theo., *Kerteszia boliviensis* confused with, VII. 25; a synonym of *A. cruzi*, q.v.
- Anopheles* (*Manguinhosia*) *lutzi*, Theo. (see *A. peryassui*).
- Anopheles* (**Myzomyia*, *Nyssorhynchus*) *maculatus*, Theo., in Borneo, III. 11, IV. 73; in Ceylon, II. 46, 130, VIII. 50, IX. 147; in Hong Kong, II. 46, III. 141, VI. 50; in India, II. 46, 193, IV. 74, 124, VI. 195, VIII. 5, IX. 6, X. 68, 208; in Dutch E. Indies, II. 46, 111, IV. 23, V. 27, VII. 76, 184, VIII. 53, 54; in Malaya, I. 6, II. 46, 202, III. 102, 202, IV. 67, VI. 125, 126, 222, VIII. 84, 85, IX. 74, 134, X. 57, 58, 207, 208; in Philippines, III. 65, 214; and malaria, II. 46, III. 102, 214, IV. 67, 73, 74, VI. 126, 222, VIII. 5, 85, IX. 147; breeding-places of, II. 202, VII. 184, VIII. 53, 84, IX. 74, 134, X. 57; reproductive capacity of, X. 207; tail-hooks in larva of, IX. 134, X. 75, 208; synonymy of, I. 6.
- Anopheles* (**Myzomyia*) *maculipalpis*, Giles, in E. Africa, VIII. 164; in India, II. 193, III. 41, 50, 102, IV. 74, 124, VI. 2, VIII. 5, X. 75; rare in Mauritius, X. 25; and malaria, III. 102, IV. 74, 104, VI. 2, VIII. 5; breeding-places of, III. 41; tail-hooks in larva of, X. 75, 208.
- Anopheles* (*A.) *maculipennis*, Mg. (*lewisi*, Ludl., *occidentalis*, Say, *selengensis*, Ludl., *Culex claviger*, F. et auct. nec Mg.), in Aegean Islands, VII. 148; in Albania, V. 144, VI. 175, VII. 138, VIII. 87, IX. 89; in Algeria, I. 114, VII. 43, X. 49, 70, 100; distribution of, in the Alps, VII. 16; in Alsace, VII. 53, 69; in S.W. Asia, IX. 13; in Astrakhan, III. 69; in Austria, IX. 172; in Belgium, VI. 4, IX. 193; in Britain, V. 187, VI. 31, 175, VII. 33, 64, 109, 110, 132, 190, VIII. 125, 139, 177, 192, 193, IX. 16, 32, 118, 196, X. 16, 80, 86, 105, 165; in Bulgaria, IX. 177; in Canada,
- VI. 23, 106, 166, X. 19, 64; in Corsica, IX. 152, X. 70, 71; in Crete, IX. 82; in Denmark, VII. 172, IX. 83, 153, 154, 200, X. 201; probably recorded in error from Egypt, VIII. 35; in Finland, X. 165; in Formosa, VI. 21; in France, II. 173, 180, IV. 101, V. 148, 188, 189, VI. 23, 24, 190, 206, 230-235, VII. 41, 59, 79, 99, 122, 146, VIII. 39, 40, 67, 82, 141, 144, 211, 219, IX. 37, 49, 114, 193, X. 3, 37, 70, 71, 100; in Germany, II. 78, VI. 56, 212, VII. 69, VIII. 27, 28, 29, 62, 63, 121, 135, 169, 171, 172, 213, 214, IX. 29, 30, 35, 68, 69, 184, 193, X. 6, 36, 51, 128, 192; in Greece, V. 87, VIII. 87; in Holland, X. 20-22, 113, 151, 200, 201; in India, III. 40; in Italy, I. 40, III. 1, VII. 156, VIII. 140, 192, 221-224, IX. 143, 167, X. 32, 52, 99, 119; in Macedonia, V. 87, 99, VI. 71, 72, 117, 162, 191, 201, VII. 34, 78, 141, VIII. 87, 90, IX. 20, 91, 192, X. 9, 10, 18, 70; in Mexico, IV. 59; in Morocco, III. 143, IV. 85, V. 156, VII. 138; in Rumania, VI. 191, 192, 193; in Russia, II. 108, V. 84, X. 10, 22; (*lewisi*, *selengensis*) in Siberia, VIII. 207; in Spain, VI. 216, X. 34; in Sweden, VII. 157, X. 87; in Switzerland, V. 42, VI. 52, 172, X. 7, 8, 92; in Transylvania, X. 90; in Turkistan, I. 196; in U.S.A., I. 22, 98, 118, IV. 160, V. 142, VI. 7, 65, 66, 210, VIII. 130, IX. 33, 66, X. 64, 65, 165; conveying filariasis, III. 5; transmission of flagellates by, II. 54, 201; and malaria, I. 196, II. 133, IV. 104, V. 49, 84, 99, 142, 156, 187, 188, VI. 4, 23, 24, 31, 56, 66, 101, 106, 117, 162, 175, 190, 191, 192, 193, 201, 206, 230-235, VII. 33, 43, 64, 110, 132, 156, VIII. 40, 87, 125, 130, 140, 143, 169, 192, 214, IX. 32, 33, 35, 37, 68, 69, 93, 118, 152, 172, 177, X. 9, 10, 20-22, 65, 70, 71, 90, 100, 101, 113, 200, 201, 202; malarial parasites unable to hibernate in, VI. 101; comparatively non-susceptible to malignant tertian malaria, IX. 35; factors influencing malarial infection in, X. 90; hibernation of *Plasmodium vivax* in musculature of, IX. 93;

- trypanosomes in, X. 99; hibernation of, I. 40, V. 42, VI. 172, VII. 78, 172, VIII. 27, 28, 177, 223, X. 65, 192, 200; breeding-places of, I. 98, III. 1, IV. 160, V. 148, VI. 23, 172, VII. 122, 146, 172, 190, VIII. 67, 192, 211, 214, 219, 223, IX. 68, 91, 143, X. 7, 16, 71, 86, 105; on ships, IV. 59; flight habits of, VII. 79; natural enemies of, I. 134, 187, VI. 2, 79, X. 128, 165, 201; swarming of, IX. 28, 200; development of eggs in, IX. 196; effect of feeding habits on races of, X. 32, 53-54, 100, 101, 202, 228; relation of, to domestic animals, VIII. 35, 141-144, IX. 83, 114, 152, 153, 154, X. 3, 6, 32, 34, 35, 49, 52, 89; other bionomics of, VII. 41, 59, VIII. 39, 62, 172, 222, IX. 69, 193, X. 6, 21, 36, 49, 89, 90; anatomy of, VI. 208; male genitalia of, VIII. 97; maxillary armature of, X. 100, 101, 202, 229; thoracic appendages of larva of, X. 80; egg of, X. 51, 61; oviposition of, IX. 66; effect of neutral salts on, IX. 184; effect of picric acid on larva of, VII. 175; measures against, X. 8, 65, 89-90, 163, 193-195; synonymy of, VI. 163, X. 18; *A. elutus* previously recorded as a variety of, VII. 5, VIII. 51, 91, IX. 98, 146, 159; described as *A. lewisi* and *selenagensis*, spp. n., VIII. 207.
- Anopheles* (*A., *Arribalzagia*, *Cyclolepteron*) *maculipes*, Theo., in Argentina, VIII. 107; in Brazil, VII. 23, IX. 6; in Venezuela, X. 183; and malaria, IX. 6.
- Anopheles malefactor*, D. & K. (see *A. punctimacula*).
- Anopheles mangyana*, Banks (see *A. minimus*).
- Anopheles* (**Myzomyia*) *marshalli*, Theo., in W. Africa, VI. 16, 17, 38; in Madagascar, IX. 68; breeding-places of, VI. 38; pupa of, V. 167.
- Anopheles* (**Myzomyia*, *Nyssorhynchus*) *mastersi*, Skuse, var. *moluccensis*, Mahulette, described as new from Ceram, X. 179; and malaria, X. 179; possibly a synonym of *A. punctulatus*, X. 179.
- Anopheles* (*A.) *mattogrossensis*, Peryassu, only occurring in Brazil, VI. 91, IX. 6.
- Anopheles* (*A., *Myzorhynchus*) *mauritanianus*, Grp. (*argyropus*, Swellgr.), in S. Africa, IV. 120, IX. 128; in W. Africa, IV. 66, V. 39, VI. 73, 225, VIII. 217, X. 226; in Egypt, III. 10, VI. 177, VIII. 35, X. 27; ? in Dutch E. Indies, V. 27; in Madagascar, IX. 68; in Mauritius, X. 225; in Nyasaland, X. 62; in Palestine, VIII. 51, IX. 99; in Zanzibar, VI. 133, VIII. 112; probably not transmitting malaria, VI. 177, VIII. 35, X. 225; breeding-places of, X. 27; pupa of, V. 167; synonymy of, VIII. 55, X. 18; placed in subgenus *Myzorhynchus*, I. 131.
- Anopheles* (*A., *Arribalzagia*, *Cyclolepteron*) *mediopunctatus*, Theo., in Brazil, VI. 91, VII. 23, IX. 6; in Dutch Guiana, X. 76; in Trinidad, V. 60; and malaria, IX. 6; breeding-places of, X. 76.
- Anopheles* (**Myzomyia*) *minimus*, Theo. (*febrifer*, Banks), in Hong Kong, III. 141, VI. 50; in India, IV. 74; in Dutch E. Indies, VII. 76, 184; in Philippines, II. 70, III. 65-67, 91, 214, VI. 142, VII. 193, VIII. 94; and malaria, III. 67, 91, 214, IV. 74; breeding-places of, V. 142; larva of, VII. 184, X. 75; swarming of, VIII. 94; synonymy of, III. 229; described as *A. flavirostris*, sp. n., II. 70.
- Anopheles minimus aconitus*, Dön. (*listoni*, List. var. *alboapicalis*, Theo., *albivestris*, Theo.), in Burma, III. 50; in Ceylon, II. 130, VIII. 50; in India, III. 41, IX. 124; in Dutch E. Indies, IV. 23, V. 27, VI. 110, 156, 213, 214, VII. 76, 96, 98, 183, VIII. 54, IX. 3, 4, X. 38, 120; in Malaya, II. 34, 46, 47, III. 102, 202, IV. 67, VI. 125, VIII. 84, 123, IX. 73, 74, X. 58, 152, 207; and malaria, III. 102, 202, VI. 125, IX. 3, 73, X. 38, 120; breeding-places of, II. 27, VI. 156, VII. 183, IX. 73, 74, 124, X. 58, 152; reproductive capacity of, X. 207; larva of, III. 228; systematic position of, VIII. 54, 55.
- Anopheles* (**Myzomyia*) *multicolor*, Camb. (*chaudovei*, Theo.), in N. Africa, III. 143 (*turkhudi*), VI. 141, VII. 84, 123; in Egypt, VI. 177 (*turkhudi*), VIII. 35 (*turkhudi*), IX. 98; (*turkhudi*) variety

- of, in Egypt, X. 27; (*turkhudi*) in Palestine, VIII. 51, IX. 99, X. 28; in Sahara, II. 198, VI. 201; and malaria, VI. 201, VIII. 35 (*turkhudi*), IX. 98, X. 27 (*turkhudi*); breeding-places of, III. 143 (*turkhudi*), VI. 141, IX. 99; *A. turkhudi* considered distinct from, VI. 201.
- Anopheles* (**Myzomyia*, *Pyrethrophorus*) *myzomyifacies*, Theo. (see *A. hispaniola*).
- Anopheles* (**Myzomyia*) *natalensis*, Hill & Haydon, in Cape Colony, IX. 128.
- Anopheles* (**A.*, *Dendropaedium*) *neivai*, H., D. & K., described as new, V. 82; in Costa Rica, X. 31; in Panama, V. 82, VII. 23, X. 11.
- Anopheles nigerrimus*, Giles (see *A. hyrcanus*).
- Anopheles nigrans*, Stanton (see *A. karwari*).
- Anopheles* (**A.*, *Coelodiaezis*) *nigripes*, Staeg. (see *A. plumbeus*).
- Anopheles* (**A.*, *Myzorhynchella*) *nigritarsis*, Chagas, in Brazil, VII. 23, IX. 6.
- Anopheles* (**Myzomyia*) *nili*, Theo., in W. Africa, VI. 17, 225.
- Anopheles* (**A.*, *Stethomyia*) *nimbus*, Theo., in Brazil, VI. 90, 91, VII. 23, IX. 6; in Dutch Guiana, X. 76; in Trinidad, V. 60; and malaria, IX. 6; bionomics of, VI. 91.
- Anopheles niveopalpis*, Ludl., described as new from Panama, VIII. 95; a synonym of *A. eiseni*, q.v.
- Anopheles nivipes*, Theo. (see *A. fuliginosus* var. *nivipes*).
- Anopheles* (**A.*, *Myzorhynchus*) *novumbrosus*, Strickl. (*similis*, Strickl.), described as new, V. 10; in Malaya, V. 10, 81, VIII. 84, IX. 74; in Sumatra, IX. 135, 136; and malaria, IX. 74; breeding-places of, IX. 74; described as *A. similis*, sp. n., V. 81.
- Anopheles* (**Myzomyia*, *Pyrethrophorus*) *nursei*, Theo. (see *A. superpictus*).
- Anopheles occidentalis*, D. & K. (see *A. maculipennis*).
- Anopheles palestinensis*, Theo. (see *A. superpictus*).
- Anopheles* (*Stethomyia*) *pallidus*, Ludl. (see *A. aitheni*).
- Anopheles* (**Myzomyia*) *pallidus*, Theo. (*fowleri*, Christ.), in India, III. 40, 42, IV. 118, IX. 130, X. 79; breeding-places of, IV. 118.
- Anopheles* (*Myzorhynchus*) *paludis*, Theo. (see *A. mauritanus*).
- Anopheles* (**Myzomyia*) *parangensis*, Ludl., described as new from Philippines, II. 187.
- Anopheles* (**A.*, *Myzorhynchella*) *parvus*, Chagas, in Brazil, VI. 90, VII. 23, IX. 6; and malaria, IX. 6.
- Anopheles peditaeniatus*, Leic. (see *A. hyrcanus peditaeniatus*).
- Anopheles* (**A.*, *Manguinhosia*) *per-yassui*, D. & K., in Brazil, VII. 23, IX. 6; in Dutch Guiana, X. 76; synonymy of, X. 76.
- Anopheles* (*Cellia*, **Myzomyia*) *pharoensis*, Theo., in W. Africa, V. 3, 45, VI. 17, IX. 31, X. 167; in S. W. Asia, IX. 13; in Egypt, III. 10, VI. 176, VIII. 35, IX. 99, X. 27; at Khartoum, VII. 111; in Madagascar, VI. 157, IX. 68, 90; in Nyasaland, X. 62; in Palestine, VIII. 51, 60, IX. 99, X. 169; and malaria, III. 10, IV. 104, VI. 176, VIII. 60, IX. 90, 99, X. 27, 169; a doubtful carrier of malaria, VIII. 35, X. 167; breeding-places of, X. 27; pupa of, V. 167.
- Anopheles* (**Myzomyia*) *philippinensis*, Ludl., in Philippines, III. 65.
- Anopheles* (*Cellia*, **Nyssorhynchus*) *pictipennis*, Phil. (*albipennis*, Arrib.), in Argentina, VII. 24, IX. 5, X. 13, 14; in Brazil, IX. 5; in Chile, VII. 24; and malaria, X. 13; bionomics of, X. 43; synonymy of, IX. 5.
- Anopheles pictus*, Lw. (see *A. hyrcanus*).
- Anopheles pitchfordi*, Giles, in Philippines, III. 65.
- Anopheles* (**A.*, *Coelodiaezis*) *plumbeus*, Hal. (*nigripes*, Staeg.), in S. W. Asia, IX. 13; in Britain, V. 52, VI. 175, VII. 33, 65, 110, 190, VIII. 13, 96, 139, 156, 192, 193, IX. 23, 118, X. 16, 77, 105; in Denmark, VII. 172, IX. 154; in France, VI. 206, VII. 29, 41, 59, 79, 99, IX. 38, 49; in Germany, I. 41, II. 78, IV. 16, VII. 69, VIII. 27, 135, 172, 213, 214, IX. 30, 68, 184, X. 51, 192; in Holland, X. 200; in Macedonia, IX. 20, 92; in Sweden, X. 87;

- in Switzerland, III. 1 (*nigrans* in error), 224, V. 42, VI. 52, 172, X. 7; experimentally infected with malaria, VII. 160, VIII. 96, IX. 23; breeding-places of, IV. 16, V. 42, 52, VI. 172, VII. 33, VIII. 96, 156, 214, IX. 30, 38, 68, X. 105, 192; hibernation of, VII. 65, VIII. 27, IX. 30, X. 7; egg of, I. 41, X. 51, 61; larva of, VI. 206; male genitalia of, VIII. 97; suitable for breeding in laboratory, IX. 115; characters differentiating from *A. bifurcatus*, X. 76, 132.
- Anopheles plumbeus*, auct. (see *A. bavianensis*).
- Anopheles* (**Myzomyia*) *pretoriensis*, Theo., in Arabia, III. 212, IX. 12; in Gold Coast, VIII. 12; breeding-places of, VIII. 12.
- Anopheles* (**A.*) *pseudobarbirostris*, Ludl. (see *A. bancrofti*).
- Anopheles* (**A.*, *Arribalzagia*, *Cyclolepteron*) *pseudomaculipes*, Chagas, in Brazil, VII. 23, IX. 6; and malaria, IX. 6.
- Anopheles pseudopictus*, Gr. (see *A. hyrcanus*).
- Anopheles* (**A.*) *pseudopunctipennis*, Theo. (*franciscanus*, McCrack.), in Tropical America, VII. 23; in Argentina, VIII. 107, IX. 5, X. 13, 43; in Panama, IV. 97, 98, V. 1, 34, VII. 127, VIII. 197, IX. 108, X. 11; in Trinidad, V. 60; in U.S.A., IV. 160, V. 142, VI. 70, VII. 163, VIII. 78, 93, 187, IX. 33, 66, X. 64, 65; in Venezuela, IX. 5, 13, X. 62; a slight or doubtful carrier of malaria, II. 133, IV. 104, V. 142, VI. 70, VII. 163, VIII. 93; breeding-places of, IV. 160, VII. 23, X. 65; oviposition of, IX. 66.
- Anopheles pseudowillmori*, Theo. (see *A. maculatus*).
- Anopheles* (*Cellia*, **Myzomyia*) *pulcherrimus*, Theo., I. 131; in S.W. Asia, IX. 13; in India, III. 40, 162, VI. 2, 195, 196, IX. 6, X. 68, 75; in Mesopotamia, III. 212, VI. 177, VII. 102, VIII. 111, IX. 146, 159; on a ship in Persian Gulf, VI. 129; in Turkestan, I. 193-196; a possible carrier of Baghdad boil, VII. 102; and malaria, I. 193-196; breeding-places of, I. 194, VIII. 111, IX. 146.
- Anopheles* (**A.*) *punctibasis*, Edw., described as new from Japan, X. 18.
- Anopheles* (**A.*, *Arribalzagia*) *punctimacula*, D. & K. (*malefactor*, D. & K.), in Panama, IV. 97, 98, V. 1, 34, VII. 23, 127, VIII. 197, IX. 108, X. 11; in Trinidad, V. 59; breeding-places of, V. 142; *A. venezuelae* possibly a variety of, X. 182.
- Anopheles* (**A.*) *punctipennis*, Say, in Canada, III. 155, VI. 166, X. 19, 64; in U.S.A., I. 98, 118, II. 71, 162, III. 79, 80, 128, 182, 213, IV. 53, 61, 76, 77, 90, 92, 136, 152, 160, 170, 175, 180, V. 101, 133, 134, 156, 161, 184, VI. 6, 70, 154, VII. 23, 47-49, 63, 74, 88, 130, 163, 169, 185, VIII. 14, 78, 93, 94, 178, 187, 194, IX. 66, 138, 179, X. 29, 64, 65, 93, 107, 108, 148, 203; in Venezuela, IX. 13; a slight or doubtful carrier of malaria, II. 71, 133, VI. 154, VII. 49, 63, 88, 185, VIII. 93; a carrier of *Plasmodium vivax* but not of *P. falciparum*, IV. 53, 76, 90, 92, 136, 152, 175, V. 133, 156, 184; survival of malarial parasite in, X. 148; breeding-places of, II. 71, III. 79, 128, IV. 170, V. 101, VII. 88, VIII. 94, 178, IX. 138, X. 29, 65, 93, 108, 203; oviposition of, IX. 66; food of larva of, VII. 169; parasite of larva of, X. 107; hibernation of, VII. 130; thermotropism in, VII. 63; antennae of, IX. 35.
- Anopheles* (**Myzomyia*, *Neomyzomyia*) *punctulatus*, Dön., I. 6; in Borneo, III. 11, IV. 73; in Ceylon, II. 130, VIII. 50; in Formosa, VI. 50; in India, II. 192; in Dutch E. Indies, V. 27, VI. 110, 156, 213, VII. 76, 96, 97, 184, VIII. 125, 152, IX. 3, 4, 135, X. 5, 38, 39; recorded in error from Malaya, III. 102; in New Guinea, III. 153, X. 149; and malaria, II. 130, IV. 73, VII. 97, VIII. 135, X. 38; breeding-places of, VII. 134; *A. mastersi* var. *moluccensis* possibly a synonym of, X. 179.
- Anopheles punctulatus* (*annulipes*) var. *moluccensis*, Sw., in Malay Archipelago, VIII. 54, 136, 152, 153, IX. 172, X. 149, 172, 179; systematic position of, IX. 133, X. 149; anatomy of, IX. 173.
- Anopheles* (**Myzomyia*) *punctulatus* var. *orientalis*, Sw. & Sw. de G.,

- described as new on larval characters, VIII. 136; in Dutch E. Indies, VIII. 136, 152, 153; breeding-places of, VIII. 153.
- Anopheles* (**A.*) *quadrimaculatus*, Say, in Canada, VII. 23, VIII. 140, X. 19; in U.S.A., II. 162, III. 21, 79, 80, 81, 182, 183, 213, IV. 76, 77, 136, 152, 180, V. 101, 133, 134, 142, 156, 161, VI. 70, 137, 146, 154, VII. 23, 47, 48, 63, 74, 88, 163, 169, 185, VIII. 58, 64, 78, 93, 94, 125, 178, 194, IX. 117, 138, 179, X. 29, 46, 93, 148, 203, 228; and malaria, II. 162, III. 79, 80, 81, 213, IV. 76, 136, 152, V. 142, 156, VI. 6, VII. 88, 153, VIII. 93, IX. 179; effect of temperature on malarial parasites in, V. 73, 183, 184, VI. 32; seasonal infection of, with malaria, VII. 185; longevity of, when infected with malaria, VIII. 188, IX. 148; breeding-places of, III. 21, 79, IV. 180, V. 101, VI. 154, VII. 48, 74, 88, VIII. 94, IX. 117, 138, X. 29; food of larva of, VII. 169; parasite of larva of, X. 82; flight of, V. 134, VIII. 64.
- Anopheles* (**Myzomyia*) *rhodesiensis*, Theo., in W. Africa, IV. 44, 45, VI. 17; in Arabia, III. 212, IV. 173, IX. 13; in India, III. 212, VI. 2, X. 75; in Mesopotamia, IX. 159; possibly a carrier of malaria, IV. 44; breeding-places of, IV. 173.
- Anopheles rossi*, Giles (see *A. subpictus*).
- Anopheles rossi indefinitus*, Ludl. (see *A. vagus*).
- Anopheles* (**Myzomyia*) *rufipes*, Gough, in W. Africa, VI. 17, VII. 169, VIII. 12; breeding-places of, VIII. 12.
- Anopheles sacharovi*, in S. Russia, II. 108.
- Anopheles* (**Myzomyia*) *schüffneri*, Stant., described as new, III. 117; in Dutch E. Indies, III. 102, 117, IV. 23, V. 27, VI. 156, VII. 76, X. 120.
- Anopheles selengensis*, Ludl., described as new from Siberia, VIII. 207; a synonym of *A. maculipennis*, q.v.
- Anopheles* (**A.*) *separatus*, Leic. (*hunteri*, Strickl.), in Borneo, IV. 73; in Malaya, I. 18, V. 10, VI. 126, VIII. 84, IX. 74; and malaria, IV. 73; not a proven carrier of malaria, VI. 126; breeding-places of, IX. 74; described as *A. hunteri*, sp. n., V. 10; synonymy of, IX. 73.
- Anopheles* (**Myzomyia*) *sergenti*, Theo., in Algeria, VI. 177; in Egypt, VI. 177, VIII. 35; in Sahara, VII. 123; and malaria, VI. 177.
- Anopheles similis*, Strickl., described as new from Malaya, VI. 81; a synonym of *A. novumbrosus*, q.v.
- Anopheles* (**A.*) *simlensis*, James & List., in India, VIII. 31.
- Anopheles* (*Myzorrhynchus*) *sinensis*, Wied. (see *A. hyrcanus*).
- Anopheles* (*Cellia*, **Myzomyia*) *squamosus*, Theo. (*tananarivensis*, Ventr.), in S. Africa, IX. 128; in W. Africa, VI. 17; probably recorded in error from Egypt, III. 10, VIII. 35; in Madagascar, VI. 157, IX. 68, 90; in Zanzibar, VI. 123, VIII. 112; and malaria, IX. 90.
- Anopheles* (**Myzomyia*, *Neocellia*) *stephensi*, List., in Arabia, IV. 173, VIII. 13; in India, I. 1, 142, II. 154, 191, 192, III. 39, 40, 41, 102, 162, IV. 74, VI. 2, 195, 196, VIII. 106, IX. 6, 124, 125, 130, X. 67, 75, 79; in Mesopotamia, III. 212, VIII. 111, IX. 146, 159; failure to infect with leishmaniasis, I. 1, IV. 103; and malaria, I. 142, III. 102, 162, IV. 74, 104, VI. 3, VIII. 107, 111, IX. 124, 125, 146, 159; breeding-places of, II. 154, III. 39, 41; tail-hooks in larva of, X. 75.
- Anopheles* (**A.*) *stigmaticus*, Skuse (*coethroides*, Theo.) in Australia, II. 149, IX. 147.
- Anopheles* (**A.*, *Arribalzagia*) *strigimacula*, D. & K., in Mexico, VII. 23.
- Anopheles* (**Myzomyia*, *Pseudomyzomyia*) *subpictus*, Grassi (*rossi*, Giles), in Andamans, I. 51; in Burma, III. 232; in Ceylon, II. 70, 130, VIII. 50; in Cochin China, II. 198; in India, I. 79, 144, II. 142, 153, 191, 192, 193, III. 39, 41, 42, 50, 66, 162, IV. 74, 118, 124, V. 39, VI. 2, 173, 195, VIII. 5, 106, 107, IX. 6, 124, 130, X. 67, 75, 180; in Philippines, II. 153, III. 65, 67, 229, V. 142, VI. 193, VIII. 94; transmitting filariasis, II. 133, 155, VIII. 107, X. 95, 180; a slight or doubtful carrier of malaria, I. 51, II. 153, III. 39, 66, 67, 214, IV. 74, V.

- 142, VI. 173, 195; experimentally infected with malaria, VI. 2; breeding-places of, I. 144, II. 153, III. 39, 41, 65, 213, IV. 118, 124; effect of temperature on oviposition of, X. 78; larva of, III. 117, X. 75; effect of calomel on larva of, II. 142; swarming of, VIII. 94; synonymy of, VIII. 49; *A. ludlowi* distinct from, X. 113.
- Anopheles subpictus* var. *malayensis*, Hacker (*rossi*, Giles), described as new, IX. 73; in Formosa, VI. 50; in Dutch E. Indies, IV. 130, V. 26, 27, 66, VI. 53, 110, 156, 214, VII. 76, 96, 98, 184, VIII. 53, 55, 152, 153, IX. 3, 4, 131, 173, X. 95, 113, 120, 211; in Malaya, I. 6, 18, 34, II. 46, III. 102, 202, IV. 54, 67, VII. 84, 85, IX. 73, X. 58, 207; a slight or doubtful carrier of malaria, III. 102, VI. 214, IX. 4; probably not transmitting plague, V. 66; breeding-places of, IV. 130, VIII. 53, IX. 74; two types of larva of, VII. 184; anatomy of, IX. 173; characters distinguishing, from *A. vagus*, X. 236.
- Anopheles* (**Myzomyia*, *Pyrethophorus*) *superpictus*, Grassi (*palestinensis*, Theo., *superpictus macedoniensis*, Cot & Hovasse), not observed in Albania, VI. 175; in Albania, VII. 138, VIII. 87; in S.W. Asia, IX. 13; in Bulgaria, IX. 177; in Egypt, X. 27; in Greece, V. 87, VII. 141, VIII. 87; in India, VI. 2, X. 75; in Macedonia, VI. 72, 117, 162, 191, 201, VII. 29, 34, 78, 141, VIII. 87, 90, IX. 20, 32, 91, 92, X. 9, 10; in Mesopotamia, IX. 159; in Palestine, II. 100, VIII. 51, IX. 98, 99, X. 28, 169; in S. Russia, II. 108, X. 10; in Turkestan, I. 196; and malaria, IV. 104, VI. 117, VII. 34, 141, IX. 32, 98, 99, 159, 177, X. 9, 10, 27, 28, 169; breeding-places of, VI. 191, 201, VII. 78, IX. 91, 99; hibernation of, VII. 29, IX. 91; synonymy of, VI. 72, VIII. 35, X. 18.
- Anopheles superpictus* var. *vassilievi*, Portch., in Turkestan, I. 196.
- Anopheles* (*Cellia*) *tananarivensis*, Ventr. (see *A. squamosus*).
- Anopheles* (**Nyssorhynchus*) *tarsimaculatus*, Goeldi, in Argentina, VIII. 107; in Brazil, VI. 90, X. 175, 216; in British Guiana, X. 33, 217; in Dutch Guiana, X. 76; in Panama, II. 133, III. 223, IV. 97, 98, V. 34, VII. 127, VIII. 197, IX. 108, X. 11, 222; in Trinidad, II. 24; in Venezuela, IX. 13, X. 62; and malaria, II. 24, 133, 223, IV. 104, X. 76, 216; breeding-places of, II. 223, VII. 24, X. 33, 217, 222; flight of, II. 223, V. 134; treated as a variety of *A. albimanus*, X. 11, 62.
- Anopheles* (**Myzomyia*, *Neomyzomyia*) *tessellatus*, Theo., in Formosa, VI. 50; in Hong Kong, III. 141; in India, III. 42, IV. 124; in Dutch E. Indies, IV. 23; in Malaya, I. 6, 229, III. 102, IV. 54, VI. 126, VIII. 84, IX. 74, X. 207; in the Philippines, III. 65; breeding-places of, VI. 126, IX. 74; early stages of, I. 229; attacking fowls, IX. 131; reproductive capacity of, X. 207; synonymy of, I. 6, VIII. 55; considered a variety of *A. punctulatus*, IX. 133.
- Anopheles* (**Myzomyia*) *theileri*, Edw., in Nigeria, VI. 225.
- Anopheles* (**Myzomyia*, *Nyssorhynchus*) *theobaldi*, Giles, in India, I. 218, III. 41, IV. 74, X. 79; and malaria, IV. 74, 104; breeding-places of, I. 218, III. 41.
- Anopheles thornstoni*, Ludl. (see *A. tessellatus*).
- Anopheles tibiomaculatus*, Neiva (see *A. eisenii*).
- Anopheles treacheri*, Leic. (see *A. aikeni*).
- Anopheles* (**Myzomyia*) *turkhudi*, List., in Arabia, III. 212; in S.W. Asia, IX. 13; in India, III. 10, 40, IV. 74, VI. 2, VIII. 31, X. 18, 75; and malaria, IV. 74, VI. 2, 177; a possible carrier of malaria, III. 10; breeding-places of, III. 10; *A. multicolor* previously recorded as, III. 143, VI. 177, VIII. 35, 51, IX. 99, X. 27, 28; *A. multicolor* (*chaudoyei*) considered distinct from, VI. 201.
- Anopheles* (**Myzomyia*) *turkhudi* var. *persicus*, Edw., described as new from Persia, X. 18.
- Anopheles* (**A.*, *Myzorhynchus*) *umbrosus*, Theo., in W. Africa, IV. 45, 66, V. 3, VI. 17; in Borneo, III. 11, IV. 73; in Dutch E. Indies, IV. 23, V. 26, 27, VII. 76, 96, 97, 183, VIII. 54, IX. 135, 136, 173, X. 38, 150, 151; in Malaya, I. 6, 34, 229, II. 46, III. 102, IV. 54, 67, V. 54, VI. 125,

- VIII. 80, 84, 85, IX. 74, X. 152; and malaria, II. 46, III. 102, IV. 54, 67, 73, 104, VI. 125, IX. 74; experiments in transmission of malaria by, VIII. 80, 135, 136; a doubtful carrier of malignant tertian, III. 11, VII. 97; breeding-places of, II. 46, V. 54, VII. 183, IX. 74, 135, 136, X. 38, 150; attacking domestic animals, IX. 131; effect of clearing against, X. 152; anatomy of, I. 73; placed in subgenus *Myzorhynchus*, I. 131, 229; *A. novumbrosus* compared with, V. 10.
- Anopheles* (**Myzomyia*) *vagus*, Dön. (rossi, Giles, var. *indefinitus*, Ludl.), in Formosa, VI. 50; in Hong Kong, III. 141; in India, III. 229, IV. 124, X. 68; in Dutch E. Indies, IV. 23, VI. 53, 110, 213, 214, VII. 76, 96, 98, 99, 184, VIII. 53, 54, 55, 152, IX. 3, 4, 135, 136, 173, X. 5, 38, 39, 120; in Malaya, VI. 124, VIII. 123, IX. 73, X. 58, 152, 207, 208; in Philippines, III. 65; *Haplosporidium* infesting, IX. 3; susceptibility of, to experimental infection with malaria, II. 113, VI. 125, 127, VII. 98, VIII. 135, IX. 136; small natural infection of, with malaria, IX. 4; infectivity of, to *Plasmodium praecox*, IX. 131; breeding-places of, VI. 124, VII. 99, 184, VIII. 54, IX. 74, 136, X. 58, 120; attacking cattle, IX. 131; reproductive capacity of, X. 207; anatomy of, IX. 173; tail-hooks in larva of, X. 75, 208; treated in error as a synonym of *A. ludlowi*, VI. 110, VII. 76; *A. immaculatus* probably a form of, IX. 133; characters distinguishing, from *A. subpictus* var. *malayensis*, X. 236.
- Anopheles vanus* (see *A. hyrcanus* var. *vanus*).
- Anopheles* (**A.*, *Arribalzagia*) *venezuelae*, Evans, described as new from Venezuela, X. 183; probably a variety of *A. punctimacula*, X. 183.
- Anopheles* (**A.*) *vestitipennis*, D. & K., distribution of, in Central America, VII. 23; in Jamaica, II. 20, IV. 90.
- Anopheles* (**A.*) *walkeri*, Theo., in Canada, X. 19; in U.S.A., VII. 23, VIII. 78, X. 204; a possible carrier of malaria, X. 19; breeding-places of, VII. 23.
- Anopheles* (**Myzomyia*) *watsoni*, Leic., in Malaya, III. 102.
- Anopheles* (**Myzomyia*) *wellcomei*, Theo., in Belgian Congo, I. 220.
- Anopheles* (**A.*) *wellingtonianus*, Alcock, described as new, I. 7; in Malaya, I. 7, III. 102.
- Anopheles* (**Myzomyia*, *Neocellia*, *Nyssorhynchus*) *willmori*, James, in Burma, III. 50; in Formosa, VI. 50; in India, I. 142, II. 154, 193, IV. 74, VI. 2, 195, VIII. 161, X. 79; recorded in error in Malaya, II. 46, III. 102; and malaria, VI. 2, VIII. 161; breeding-places of, I. 142, II. 154; trematode parasite of larva of, VI. 2; anatomy of, VI. 208; *A. maculatus* recorded as, II. 46.
- Anopheles willmori*, Leic. nec James (see *A. maculatus*).
- anophelis*, *Culicoides*.
- anorufa*, *Pyrellia*.
- anseris*, *Lipeurus*.
- Antarctophthirius microchir*, Troues. & Neum., on *Zalophus californianus* in the Pacific, IV. 196.
- antennalis*, *Uranotaenia*.
- antennatis*, *Pyrellia*.
- antennatus*, *Anopheles* (see *A. bifurcatus*); *Neohaematopinus*; *Phlebotomus minutus*.
- Anthocoris sylvestris*, L., spirochaetes in, on *Euphorbia*, IX. 120.
- Anthomyia*, eggs of *Dermatobia* laid on, in Brazil, VI. 130; breeding in manure in Britain, VII. 191; causing myiasis in man, I. 111, VI. 3; in dead bodies, IX. 121.
- Anthomyia heydeni*, Wied., carrying eggs resembling those of *Dermatobia*, III. 194.
- Anthomyia pluvialis*, L., in houses in Britain, IV. 144; larvae of, in man, III. 31, 152.
- Anthomyia radicum*, L., in Britain, IV. 143, VII. 191, VIII. 22; bionomics of, IV. 143; natural enemies of, VII. 191, VIII. 22; frequenting houses, II. 19, III. 175, IV. 143.
- Anthomyia scalaris* (see *Fannia*).
- anthropophaga*, *Cordylobia*; *Thyreophora*.
- antilope*, *Tabanus*.
- antipodeus*, *Aedes* (*Ochlerotatus*).
- antiquissima*, *Musca*.
- antiquorum*, *Doratomyia*.
- antrozoi*, *Penicillidia*.
- apachinus*, *Ceratophyllus ignotus*.
- apertus*, *Ctenophthalmus*.
- Aphaereta cephalotes*, Hal., suggested

- introduction of, into Australia, VIII. 174; parasite of flies in Britain, IV. 146, VIII. 22.
- Aphiochaeta circumsetosa*, de Meij., treated as a synonym of *A. xanthina*, X. 137.
- Aphiochaeta ferruginea*, Aust. (Brunetti ms.), treated as a synonym of *A. xanthina*, X. 137. (See *A. scalaris*.)
- Aphiochaeta repicta*, Schmitz (see *A. xanthina*).
- Aphiochaeta rufipes*, Mg., in houses in Britain, IV. 102, 121; causing myiasis in India, IX. 53, X. 17, 137.
- Aphiochaeta scalaris*, Lw. (*ferruginea*, Aust.), contaminating milk in Georgia, VIII. 187; infesting meat in India, VI. 63; relation of, to disease, IV. 51.
- Aphiochaeta xanthina*, Speis. (*repicta*, Schmitz), intestinal parasite of man in W. Africa, X. 142; causing myiasis in India, IX. 53, X. 17, 137.
- Aphis leguminosa*, Theo., associated with disease of domestic animals in Egypt, X. 133.
- aphobema*, *Wyeomyia*.
- Aphodius coloradensis*, Horn, *Gongylonema* found in, IV. 63.
- Aphodius femoralis*, Say, *Gongylonema* found in, IV. 63.
- Aphodius fimetarius*, L., *Gongylonema* found in, IV. 63.
- Aphodius granarius*, L., *Gongylonema* found in, IV. 63.
- Aphodius vittatus*, Say, *Gongylonema* found in, IV. 63.
- apicalis*, *Culex*; *Cuterebra*; *Psorophora* (see *P. confinnis*).
- apicicornis*, Clerada.
- apicimacula*, *Anopheles* (*Arribalzaga*).
- apicoannulatus*, *Aedes* (*Ochlerotatus*).
- apicoargenteus*, *Aedes* (*Stegomyia*).
- apiformis*, *Silvius*.
- Apiomerus*, confused with *Triatoma* in Brazil, VI. 92.
- apis*, *Tarsonemus*.
- aplodontinae*, *Leptinillus*.
- apodemi*, *Demodex arvicolae*.
- apollinaris*, *Ceratophyllus*.
- Aponomma*, in Queensland, VIII. 74.
- Aponomma decorosum*, Koch, on *Tachyglossus aculeatus* in Australia, III. 153.
- Aponomma exornatum*, Koch, in S.W. Africa, VII. 19; in Italian Somaliland, IV. 70; on dogs, III. 4.
- Aponomma inornatum*, Banks, on dogs, III. 4.
- Aponomma laeve*, Neum., on snakes in Gold Coast, IV. 81, V. 45; in Sierra Leone, IV. 45.
- Aponomma trimaculatum*, Lucas, in N. Australia, IV. 11.
- aponommoides*, *Haemaphysalis incrimis*.
- appendiculata*, *Corethrella*.
- appendiculatus*, *Rhipicephalus*.
- appendigaster*, *Evania*.
- aprepes*, *Tabanus*.
- aptericola*, *Ixodes*.
- apteridis*, *Ixodes*.
- apterus*, *Pyrhocoris*.
- Apterygida arachides* (see *Prolabia*).
- aquatica*, *Podura*.
- arabica*, *Chrysomyia* (see *C. marginalis*); *Mansonia* (see *Aedes caspius*).
- arabicus*, *Anopheles* (*Myzomyia*) *funestus*; *Culex* (see *Aedes caspius*); *Liponyssus*.
- arachides*, *Prolabia* (*Apterygida*).
- Araeopsylla*, gen. n., IX. 61.
- Araneus audax*, Black, toxicity of extracts of, VI. 112.
- Araneus erythromela*, Holmb., toxicity of extracts of, VI. 112.
- aranoides*, *Rachionotomyia*.
- arborealis*, *Aedes*.
- arbustorum*, *Eristalis*.
- Archaeopsylla erinacei*, Boh., hosts of, in Britain, I. 103, IX. 47; on hedgehogs in Caucasus, IV. 151.
- Archaeopsylla polymorphus*, Weiss, described as new from hedgehogs in Tunisia, IX. 52.
- arctos*, *Ceratophyllus*.
- arctica*, *Theobaldia* (see *T. alaskensis*).
- arcticum*, *Simulium*.
- arcuatus*, *Chortoglyphus*; *Culicoides*; *Leiognathus*.
- ardua*, *Coptopsylla*.
- arenarius*, *Culicoides*.
- arenivagus*, *Tabanus*.
- Argas*, rare in Brazil, II. 53; on rats in St. Vincent, II. 129.
- Argas brumpti*, Neum., in E. Africa, II. 50; in Sudan, III. 228; bionomics of, II. 50, III. 228.
- Argas columbae*, Herm. (*reflexus*, F.), III. 44, VIII. 89; in Alsace-Lorraine, VIII. 188; in France, IX. 145; in Italy, IX. 39; in Russia, V. 99; on domestic birds, IX. 39, X. 217; feeding habits of, X. 28; effect of chloropicrin gas on, IX. 145; synonymy of, X. 217.

- Argas miniatus*, Koch (see *A. persicus*).
- Argas persicus*, Oken, III. 44; in S. Africa, VII. 19, 95, 154, IX. 48; in Argentina, IV. 177, VII. 11; in Australia, I. 23-25, II. 12, 115, 116, III. 230, VII. 67, 144, 187, VIII. 74, 128, 164, IX. 132, X. 110; in Brazil, V. 190, IX. 121; in Bulgaria, V. 33; in Chile, IV. 177; in Belgian Congo, IX. 164; in Egypt, III. 47; in British Guiana, V. 4; in Mauritius, III. 53, 221; in Morocco, IX. 150; in Nyasaland, VIII. 37; in Palestine, VIII. 69; in Persia, VIII. 197, IX. 176; in Russia, II. 119, III. 63, X. 102; in Serbia, VII. 130; in Somaliland, II. 9, IV. 70; in Sudan, IX. 176; in Tunis, II. 161, X. 69; in Turkestan, V. 87, 98; in U.S.A., I. 115, II. 44, 102a, VI. 224, VIII. 70, X. 83; in Venezuela, VIII. 2; in West Indies, II. 129, 175; and spirochaetosis, I. 33, 215, II. 119, 161, III. 129, IV. 62, 101, 192, V. 33, 190, VII. 130, 154, IX. 121, 150, 176, X. 102, 110; and relapsing fever, VIII. 69, 70, 197; on cattle, II. 102a; attacking man, VIII. 69, 197, IX. 176; on poultry, I. 23-25, II. 9, 51, 102a, 115, 116, 119, III. 53, 68, 221, IV. 62, 101, 192, V. 4, 33, 87, 98, 190, VII. 11, 19, 67, 95, 130, VIII. 74, 128, X. 110; on rats, III. 47; bionomics of, I. 25, 115, II. 161, III. 26, IX. 213, X. 28; measures against, I. 23-25, 116, III. 230, VII. 67, 95, 144, VIII. 128, IX. 132, 176, X. 103, 110; anatomy of, I. 104; regeneration in, II. 50, VIII. 133; chemistry of saliva of, III. 43.
- Argas persicus porteri*, Lahille, in Chile, IV. 177.
- Argas reflexus*, F. (see *A. columbae*).
- Argas vespertilionis*, Latr., on bats in W. Africa. I. 33; in Mesopotamia, IX. 146.
- argenteopunctatus*, *Aedes* (*Ochlerotatus*); *Culex*.
- argenteorostris*, *Cleobonnea*.
- argenteoventralis*, *Armigeres*.
- argenteus*, *Aedes* (*Stegomyia*).
- argentina*, *Haematopota* (*Chrysosona*).
- argentinus*, *Listrophorus*; *Proterorhynchus* (see *Anopheles pseudopunctipennis*).
- argentipes*, *Phlebotomus*.
- argutus*, *Ceratophyllus*.
- argyreatum*, *Simulium*.
- argyricephala*, *Lucilia*.
- argyritarsis*, *Anopheles* (*Cellia*).
- argyrithorax*, *Aedes* (*Finlaya*).
- argyropalpis*, *Topomyia*.
- argyropus*, *Anopheles* (*Myzorhynchus*) (see *A. mauritanus*); *Urano-taenia*.
- ariasi*, *Phlebotomus*.
- arisanus*, *Tabanus*.
- armata*, *Fannia*; *Nilobezzia*.
- armatipes*, *Glossina*.
- Armigeres*, treated as a subgenus of *Aedes*, V. 52; notice of key to Oriental species of, X. 229; thoracic appendages not present in larva of, X. 80.
- Armigeres* (*Leicesteria*) *annulipalpis*, Theo., II. 82.
- Armigeres* (*Leicesteria*) *annulitarsis*, Leic., II. 82.
- Armigeres argenteoventralis*, Theo., distribution of, in Africa, IV. 120.
- Armigeres* (*Neosquamomyia*) *breinli*, Tayl., in Papua, II. 135, III. 153.
- Armigeres brevitibia*, Edw., described as new from Borneo, III. 10.
- Armigeres* (*Leicesteria*) *cingulatus*, Leic., II. 82.
- Armigeres confusus*, Edw., described as new from Borneo, III. 115.
- Armigeres conjungens*, Edw., described as new from Borneo, III. 10.
- Armigeres* (*Leicesteria*) *digitatus*, Edw., described as new from Oriental Region, II. 82.
- Armigeres* (*Leicesteria*) *dolichocephalus*, Leic., II. 82.
- Armigeres durhami*, Edw., described as new from Malaya, V. 53.
- Armigeres* (*Chaetomyia*, *Leicesteria*) *flavus*, Leic., II. 82; oviposition habits of, in Malaya, V. 123.
- Armigeres hybridus*, Edw., described as new from Borneo, III. 10.
- Armigeres jugraensis*, Leic., in Sumatra, IV. 23.
- Armigeres kuchingensis*, Edw., described as new from Borneo, III. 115.
- Armigeres lacuum*, Edw., described as new from New Guinea, X. 154.
- Armigeres* (*Leicesteria*) *longipalpis*, Leic., II. 82; in Formosa, VI. 51.
- Armigeres* (*Leicesteria*) *magnus*, Theo., II. 82; breeding-places of, in India, VI. 64.
- Armigeres maiiae*, Edw., described as new from Malaya, V. 53.

- Armigeres maximus*, Edw., described as new from Sumatra, X. 198.
- Armigeres moultoni*, Edw., described as new from Borneo, III. 10.
- Armigeres* (*Desvoidya*) *obturans*, Wlk. (*ventralis*, Wlk.), in Australia, III. 37; in Ceylon, II. 70; in China, I. 232, II. 28; in Cochin China, II. 155; in Formosa, VI. 51; in Hong Kong, III. 141; in India, I. 79, 143, 162, 163, VI. 64, 196, IX. 80, 124; in Dutch E. Indies, X. 211; in Papua, III. 153; experimental transmission of dengue by, VI. 195; breeding-places of, I. 143, 162, III. 270, X. 211; predacious habits of, IX. 124; repellents for, IX. 80.
- Armigeres* (*Leicesteria*) *pectinatus*, Edw., described as new from Oriental Region, II. 82.
- Armigeres* (*Leicesteria*) *pendulus*, Edw., described as new from Oriental Region, II. 82.
- Armigeres* (*Scutomyia*) *treubi*, Meij., correct genus for, X. 229.
- Armigeres ventralis*, Wlk. (see *A. obturbans*).
- armillatus*, *Armillifer* (*Porocephalus*).
- Armillifer* (*Porocephalus*) *armillatus*, Wyman, infesting man in Senegal, X. 155.
- armipes*, *Hydrotæa*; *Lispa*; *Palpomya*.
- arribalzagae*, *Psorophora* (*Janthinosoma*) (see *P. discrucians*); *Taeniorhynchus*.
- Arribalzagia*, a subgenus of *Anopheles*, q.v.
- Arthrolytus*, parasitic on household insects, IV. 121.
- arvensis*, *Mellinus*; *Sarcophaga*; *Tabanus*.
- arvicanthus*, *Polyplax*.
- Asca affinis*, Oudms., on rats in Britain, III. 9.
- Ascia podagrica*, F., breeding in manure in British Isles, VII. 191.
- Ascis*, infested with *Hymenolepis*, III. 138.
- ashworthi*, *Aedes* (*Ochlerotatus*).
- asiaticus*, *Anopheles* (*Lophoscelomyia*, *Myzorhynchus*).
- asini*, *Haematopinus*.
- asininus*, *Gastrophilus intestinalis*.
- Asopia farinalis* (see *Pyrallis*).
- asperus*, *Ornithodorus*.
- Aspidoptera*, notice of key to species of, X. 93.
- Aspidoptera minuta*, Costa Lima, described as new on *Tonatia amblyotes* in Brazil, X. 93.
- Aspilota fuscicornis*, Hal., parasite of flies in Britain, VIII. 22.
- Aspilota nervosa*, Hal., parasite of flies in Britain, VIII. 22.
- assimilis*, *Muscina*; *Typhlopsylla*.
- astia*, *Xenopsylla*.
- astutus*, *Tabanus*.
- ater*, *Aedes* (*Stegomyia*) (see *Rachionotomyia*); *Gastroxides*; *Silvius*; *Tabanus* (*Atylotus*).
- aterrima*, *Phora*.
- atra*, *Conicera*; *Rachionotomyia* (*Aedes*, *Stegomyia*); *Uranotaenia*.
- Atractocerus brasiliensis*, Serv., suspected of causing myiasis in Mexico, III. 194.
- Atractodes bicolor*, Grav., parasite of *Calliphora erythrocephala* in Britain, VIII. 22.
- Atractodes exilis*, Hal., parasite of *Hydrotæa dentipes* in Britain, VII. 191.
- Atractodes tenebricosus*, Grav., parasite of *Hydrotæa dentipes* in Britain, VII. 191.
- atrata*, *Rhegmoclema*.
- atratus*, *Anopheles* (*Pyrethophorus*).
- atratus*, *Atrichopogon*; *Culex* (*Melanoconion*); *Tabanus*.
- Atrichopogon*, notice of key to species of, X. 52.
- Atrichopogon acanthocopus*, I. & M., described as new from Nigeria, X. 233.
- Atrichopogon acosmetum*, I. & M., described as new, X. 233; in Gold Coast, X. 233, 234.
- Atrichopogon africanum*, I. & M., described as new, X. 61; in Gold Coast, X. 61, 234.
- Atrichopogon atratus*, Kieff., described as new from New South Wales, VII. 154.
- Atrichopogon atratus* var. *rufiventris*, Kieff., described as new from New South Wales, VII. 154.
- Atrichopogon auricoma*, Kieff., described as new from Colombia, VII. 154.
- Atrichopogon bifasciatus*, Kieff., described as new from New Guinea, VII. 154.
- Atrichopogon birói*, Kieff., described as new from New Guinea, VII. 154.
- Atrichopogon brevicellula*, Kieff., described as new from Kamerun, X. 51.
- Atrichopogon chrysosphaerotum*, I. & M., described as new, X. 61; in Gold Coast, X. 61, 234; breeding-places of, X. 234.

- Atrichopogon columbianus*, Kieff., described as new from Colombia, VII. 154.
- Atrichopogon conglomeratus*, Kieff., described as new from Kamerun, X. 51.
- Atrichopogon conglomeratus* var. *niloticus*, Kieff., described as new from Sudan, X. 51.
- Atrichopogon coracinus*, Kieff., described as new from New South Wales, VII. 154.
- Atrichopogon elektrophaeum*, I. & M., described as new, X. 61; in Gold Coast, X. 61, 234.
- Atrichopogon fiebrigi*, Kieff., described as new from Paraguay, VII. 154.
- Atrichopogon flavidus*, Kieff., described as new from Philippines, IX. 191.
- Atrichopogon flavipes*, Lutz, described as new from Brazil, III. 82.
- Atrichopogon haemorrhoidalis*, Kieff., described as new from Formosa, IX. 191.
- Atrichopogon hamiferus*, Goetgh., in Britain, IX. 195.
- Atrichopogon hesperium*, I. & M., described as new from Gold Coast, X. 233.
- Atrichopogon homoiium*, I. & M., described as new from Gold Coast, X. 61.
- Atrichopogon immaculatus*, Kieff., described as new from New Guinea, VII. 154.
- Atrichopogon insularis*, Kieff., described as new from Formosa, IX. 191.
- Atrichopogon kelainosoma*, I. & M., described as new, X. 233; in Gold Coast, X. 233, 234.
- Atrichopogon kribiensis*, Kieff., described as new from Kamerun, X. 51.
- Atrichopogon longiserra* (see *Gymnohelea*).
- Atrichopogon lucorum*, Mg., synonymy of, X. 141.
- Atrichopogon lucorum*, Winn. (see *A. winnertzi*).
- Atrichopogon microtomus*, Kieff., described as new from Paraguay, VII. 154.
- Atrichopogon nilicola*, Kieff., described as new from Sudan, X. 51.
- Atrichopogon pallidipes*, Kieff., described as new from Paraguay, VII. 154.
- Atrichopogon perfusum*, I. & M., described as new, X. 61; in Gold Coast, X. 61, 234.
- Atrichopogon peruvianus*, Kieff., described as new from Peru, VII. 154.
- Atrichopogon piceiventris*, Kieff., described as new from Paraguay, VII. 154.
- Atrichopogon pilosipennis*, Kieff. (see *Lasiohelea velox*).
- Atrichopogon pruinosus*, Kieff., described as new from Formosa, IX. 191.
- Atrichopogon rufescens*, Kieff., described as new from Formosa, IX. 191.
- Atrichopogon sanctilaurentii*, Kieff., described as new from Paraguay, VII. 154.
- Atrichopogon sessilis*, Kieff., described as new from New Guinea, VII. 154.
- Atrichopogon singularis*, Kieff. (see *Gymnohelea*).
- Atrichopogon sylvaticus*, Winn. (see *A. lucorum*).
- Atrichopogon vestitipennis*, Kieff., described as new from New Guinea, VII. 154.
- Atrichopogon winnertzi*, Goetgh., n.n. for *A. lucorum*, Winn. nec Mg., X. 141.
- Atrichopogon xanthoaspidium*, C., I. & M., described as new, IX. 76; in Gold Coast, IX. 76, X. 234.
- atrimanus*, *Tabanus*.
- atripes*, *Rachionotomyia* (*Culex*, *Mimeteomyia*, *Scutomyia*, *Stegomyia*).
- atritarsis*, *Aedes argenteus*.
- atrobasis*, *Tabanus*.
- atroclavatus*, *Phlebotomus*.
- atrohirtus*, *Tabanus*.
- atropos*, *Anopheles*.
- atrosignatus*, *Dermacentor*.
- Atrypoderma*, IX. 157.
- Attagenus*, in dead bodies, IX. 121.
- Atylotus*, *Asilids* predacious on, in Formosa, VIII. 119.
- Atylotus ater* (see *Tabanus*).
- Atylotus fulvus* (see *Ochrops*).
- Atyphloceras*, gen. n., IV. 33.
- Atyphloceras echis*, J. & R., described as new from *Mus* in Arizona, IV. 33.
- Auchmeromyia*, III. 97; special relation of, to mammals, III. 98, V. 36.
- Auchmeromyia luteola*, F., in E. Africa, VII. 86, IX. 93; in Belgian Congo, I. 45, 91, 145, II. 170, III. 199; in Eritrea, IV. 156; in

- French Guinea, IV. 22; in Rhodesia, I. 131, III. 164; in Senegal, IV. 102; absent from Zanzibar, III. 50; bionomics of, I. 69, 172-175, III. 54, 164; IV. 102; exclusively a parasite of man, I. 91, III. 98; method of sucking blood by, III. 122, VI. 155; distribution of, I. 172; abnormal development of, IX. 86; measures against, III. 164; *Ochromyia jejeuna* allied to, VI. 131.
- Auchmeromyia praegrandis* (see *Choeromyia*).
- aucta*, *Calliphora*.
- audax*, *Araneus*.
- augur*, *Anastellorhina* (*Calliphora*, *Paracalliphora*).
- Aulacephala*, doubtful systematic position of, IV. 22, V. 49.
- aulacodi*, *Scipio*.
- Aulacogaster rufitarsis*, Mg., *Helicosporeidium parasiticum* infesting, IX. 148.
- aulicus*, *Dermacentor reticulatus*.
- aurantapex*, *Culex*.
- aurantiacus*, *Pelecorhynchus* (see *P. vulpes*).
- aureoargentatus*, *Oestrus*.
- aureohirtum*, *Simulium*.
- aureopunctatum*, *Simulium*.
- aureovestita*, *Erephopsis*.
- aurescens*, *Sabethinus*; *Simulium* (*Wilhelmia*) *nigrum*.
- aureum*, *Simulium* (*Nevermannia*).
- aureus*, *Tabanus pallidepectoratus*; *Taeniorhynchus*.
- auribarbis*, *Cephenomyia*.
- auricoma*, *Atrichopogon*; *Simulium*.
- auricularis*, *Dermatophagus*.
- auricularum*, *Choriopetes* (see *Otodectes cynotis*); *Symbiotes*.
- auridorsum*, *Aedes* (*Finlaya*).
- aurifer*, *Aedes* (*Culex*, *Ochlerotatus*).
- aurifinis*, *Sarcophaga*.
- auriflua*, *Diatomineura*.
- aurifluus*, *Megarhinus*.
- aurifrons*, *Sarcophaga*.
- aurimargo*, *Aedes*.
- auripennis*, *Taeniorhynchus*.
- auripleura*, *Diatomineura*.
- aurirostris*, *Anopheles*.
- auritaenia*, *Culex* (see *C. quasi-gelidus*).
- aurites*, *Taeniorhynchus* (*Chrysocnops*).
- auritulus*, *Ixodes*.
- auroides*, *Aedes* (*Ochlerotatus*).
- auromitens*, *Aedes* (*Finlaya*).
- aurora*, *Chelotabanus*.
- austeni*, *Chrysops*; *Culicoides*; *Glossina*; *Simulium*.
- Austenina*, gen. n., proposed for *Glossina brevipalpis*, IX. 207.
- australasiae*, *Periplaneta*.
- Australencyrtus*, gen. n., X. 1, 2.
- Australencyrtus giraulti*, Johnst. & Tiegs, described as new, X. 1; bionomics of, in Australia, X. 1, 2, 134; *Stenosterys fulvoventralis* probably a synonym of, X. 56, 134.
- australicus*, *Tabanus*.
- australensis*, *Aedes* (*Finlaya*, *Leucomyia*); *Ceratopogon*; *Culicoides*.
- australis*, Er., *Aedes* (*Culex*, *Ochlerotatus*).
- australis*, Tayl., *Aedes* (*Aëdimorphus*) (see *A. tremula*).
- australis*, Macq. nec Boisd., *Musca* (*Eumusca*) (see *M. convexifrons*).
- australis*, *Boophilus* (*Margaropus*) *annulatus*; *Demoplutus*; *Haemaphysalis*; *Helicobia*; *Lucilia* (see *L. caesar*); *Neomacleaya* (see *Culex hilli*); *Pangonia*; *Rhopalopsyllus*; *Silvius*; *Tabanus*.
- Austrolestes annulosus*, Selys, predacious on mosquitos in Australia, V. 94.
- Austrophasia*, gen. n. proposed for *Hyalomyia rufiventris*, IV. 159.
- autocratica*, *Wyeomyia*.
- autumnalis*, *Leptus* (*Acarus*, *Microthrombidium*); *Musca*; *Tabanus*.
- auxiliaris*, *Mutilla*.
- avicularia*, *Ornithomyia*.
- avium*, *Ceratophyllus*; *Dermanyssus* (see *D. gallinae*).
- Awatia*, gen. n. proposed for *Musca cingalaisina* (*indica*), IX. 207.
- Azelaria macquarti*, Staeg., bionomics of, in houses in Britain, IV. 144, 145.
- azurea*, Fall., *Phormia* (*Calliphora*, *Protocalliphora*).
- azurea*, Mg., *Phormia* (*Protocalliphora*) (see *Phormia coerulea*, R.-D.).
- azymus*, *Culex*.

B.

- babu*, *Phlebotomus* (see *P. minutus*).
- bacoti*, *Leiognathus*.
- baculus*, *Lipeurus*.
- Bagrada picta*, L., possibly transmitting relapsing fever in India, IX. 125.
- bahamensis*, *Culex* (*Transculicia*).
- bahiensis*, *Pulex irritans*.
- balassogloi*, *Wohlfahrtia*.

- balfourii*, *Uranotaenia*.
ballardi, *Lucilia*.
bancrofti, *Aedes* (Skusea); *Anopheles* (*Myzorrhynchus*); *Sarcophaga*; *Simulium*.
Bancroftia fascipes (see *Orthopodom-
 yia*).
Bancroftia signifer (see *Orthopodom-
 yia*).
banksi, *Aedes* (Finlaya).
Banksinella, key to African species
 of, III. 115 (see *Aedes*).
barbarus, *Ceratophyllus*; *Culex*;
Tabanus.
barbata, *Osca* (Pangonia).
barberi, *Anopheles* (*Coelodiazesis*);
Lucilia (see *L. sericata*).
barbistrostris, *Anopheles* (*Myzomyia*,
Myzorrhynchus).
barianensis, *Anopheles* (*Myzorrhyn-
 chus*).
barkeri, *Culex* (*Lophocratomyia*).
barnesi, *Tabanus*.
barraudi, *Culex*.
Barraudius, a new subgenus of *Culex*
 (q.v.), X. 18.
basalis, *Aedes* (*Pseudoskusea*) (see
A. funereus); *Chrysops*.
basicinctus, *Culex*.
basifasciatus, *Tabanus*.
basilicus, *Culex*.
bassii, *Tabanus*.
bastagarius, *Culex*.
bata, *Chrysomyia* (see *C. mega-
 cephalus*).
batchelor, *Tabanus*.
Bathosomyia abnormalis (see *Aedes*).
Belollarynx sanguinolentus, Aust.,
 in India, I. 209, IV. 75, VI. 64,
 VIII. 31; life-history of, IV. 75.
beatificus, *Tabanus*.
beckeri, *Chrysops*; *Pangonia*.
bedfordi, *Phlebotomus minutus*; *Tri-
 chodectes*.
belgicus, *Culicoides*.
bellator, *Anopheles* (*Dendropaedium*).
bellicosus, *Tabanus*.
bellus, *Neoceratopogon* (*Ceratopogon*).
Belminus rugulosus (see *Triatoma*).
Bembex, II. 104; predacious on
Glossina and other flies, II. 111,
 III. 141, IV. 171, VI. 99, VII. 11.
Bembex lunata, F., predacious on
 blood-sucking flies in India, IX.
 79.
Bembex möbbii, Handl., predacious
 on Tabanids in Nyasaland, III.
 116.
Bembex olivata, Dahlb., predacious
 on *Auchmeromyia*, I. 175.
Bembex rostrata, L., predacious on
 Tabanids in Russia, III. 195.
Bembex spinolae, Lep., list of flies
 found in nest of, V. 74.
Bembidula discisa, Tasch., pre-
 dacious on Tabanids in British
 Guiana, V. 4.
Bembidula variegata, Oliv., pre-
 dacious on Tabanids in British
 Guiana, V. 4.
benefactrix, *Mutilla*.
bengalensis, *Chrysomyia* (see *C.*
albiceps); *Gastrophilus intestinalis*;
Schöngastiella.
bequaerti, *Choeromyia*; *Pyrellia*.
bergenstammi, *Phora*.
bergrothi, *Theobaldia* (see *T. glaphy-
 roptera*).
beringeri, *Haematopota*.
berlandi, *Aedes pulchritarsis*.
berlese, *Liponyssus* (see *L. con-
 fucianus*).
bermudaensis, *Liponyssus*.
bertrandi, *Oestrus* (see *O. variolosus*).
besti, *Tabanus*.
beta, *Sarcophaga*.
bethsaidae, *Tendipes*.
bevise, *Aedes* (*Ochlerotatus*).
Bezzia annulipes, Mg., synonymy
 of, X. 141.
Bezzia foyi, I. & M., described as
 new from Nigeria, X. 61.
Bezzia solstitialis, Winn. (see *B.*
annulipes).
Bezzia tenebricosa, Goetgh., in Bri-
 tain, IX. 195.
bezziana, *Chrysomyia* (*Pycnosoma*).
bezzii, *Musca*.
biannulata, *Forcipomyia*.
biannulatus, *Aedes* (*Ochlerotatus*)
minutus.
Bibio hortulanus, L., breeding in
 manure in British Isles, VII. 191.
Bibio johannis, L., breeding in
 manure in British Isles, VII. 191.
Bibio longipes, Lw., *Scatophaga*
stercoraria preying on, II. 56.
bibula, *Chrysomyia albiceps* (see *C.*
albiceps).
bibulus, *Culex* (*Choeropora*).
bicallosus, *Tabanus* (see *T. macer*).
bicaudatus, *Pterolichus*.
bicolor, *Atractodes*; *Bolbodimyia*;
Forcipomyia; *Harpactor* (*Rhino-
 coris*); *Monomorium*; *Pegom-
 yia*; *Stibasoma*; *Tabanus*; *Uran-
 otaenia*.
bicolorata, *Diatomineura*.
bicornis, *Rhipicentor*.
bidentatus, *Polyplax*.
bifasciata, *Palpomyia*.
bifasciatus, *Atrichopogon*; *Oontho-
 phagus*.
bifoliatus, *Culex* (*Isostomyia*).

- bifurcata*, *Rivoltasia* (*Epidermoptes*).
bifurcatus, *Anopheles*.
bigoti, *Haematopota*.
biguttatus, *Culicoides*; *Tabanus*.
bilineata, *Uranotaenia*.
bilineatus, *Culex*.
billingtoni, *Tabanus*.
bilobata, *Rivoltasia* (*Epidermoptes*).
bimaculata, *Uranotaenia*.
bimaculatus, *Aedes*; *Diachlorus*.
bimaculipes, *Rachionotomyia* (*Phoniomyia*).
bimaculosa, *Chrysops*.
biocellatus, *Aedes* (*Culex*, *Finlaya*).
Biomysia tempestatum (see *Musca*).
bipartipes, *Sabethes*.
bipunctata, *Forcipomyia*.
bipunctatum, *Simulium* (see *S. dinelli*).
bipunctatus, *Culex* (*Leucomyia*) *gelidus*; *Mycetanus*.
birdiei, *Tabanus*.
biróí, *Atrichopogon*.
Bironella gracilis, Theo., bionomics of, in New Guinea, X. 172, 179; probably not transmitting malaria, X. 172; considered distinct from *Anopheles*, VII. 139; description of, X. 154.
bisbipunctatus, *Cletus*.
bisellicella, *Tineola*.
biseriatum, *Menopon*.
bisetis, *Megarhroglossus*.
bisignatus, *Culicoides*.
bisotodentatus, *Ctenophthalmus* (see *C. musculi*).
bispinosa, *Haemaphysalis*.
bitaeniorhynchus, *Culex*.
bivittatum, *Simulium*.
bivittatus, *Melanoplus*; *Menemerus*.
blanchardi, *Iches*, *Ceratopogon*.
blanchardi, Salm, *Ceratopogon* (see *C. raphaelis*).
blanchardi, *Kirkioestrus* (*Kirkia*).
blarinae, *Doratomyia*.
Blatta americana (see *Periplaneta*).
Blatta germanica (see *Blattella*).
Blatta (*Periplaneta*) *orientalis*, L., in houses in Australia, VI. 62; in Britain, IX. 99; in Germany, X. 37; protozoa infesting, in Russia, X. 99; in U.S.A., VI. 210, VII. 25, X. 199, 227; intermediate host of a filaria causing tumours in rats, I. 48; bionomics of, IX. 99; measures against, III. 126, IV. 140, VII. 25, IX. 99, X. 37, 227; on ships, III. 44; flagellates found in, VIII. 89, 154.
Blattella (*Phyllodromia*) *germanica*, L., in Britain, IX. 99; in Germany, X. 37; on hides from India, III. 143; in Norway, IV. 180; in U.S.A., VI. 210, VII. 25, X. 133, 199, 227; bionomics of, IX. 99, X. 37; effect of temperature on, VI. 67; flagellates not found in, VIII. 154; *Gongylonema scutatum* found in, IV. 63; on ships, III. 44; measures against, III. 126, V. 132, VII. 25, IX. 99, X. 37, 133, 227.
Blepharoptera (*Leria*) *serrata*, L., bionomics of, in Britain, IV. 143; breeding-places of, in U.S.A., VI. 116; hibernation of, in houses, IV. 121.
bodkini, *Wyeomyia*.
Boettcheria cimicis, Towns., seasonal prevalence of, in Montana, V. 125.
Bogeria, IX. 157.
Bogeria (*Cuterebra*) *emasculator*, Fitch, hosts of, in N. America, III. 4, V. 82, VI. 166, 183.
Bogeria fasciata, Swenk, parasite of *Tamias* in N. America, V. 82.
Bogeria princeps, Aust., parasite of rodents in N. America, V. 82.
Bogeria scudderi, Towns., described as new, V. 82; parasite of pigs, V. 82.
Bolbodimyia bicolor, Big., attacking man in British Guiana, V. 4.
boliviensis, *Anopheles* (*Kerteszia*); *Palpomyia*.
bolli, *Spharagemon*.
bonariensis, *Chrysops*; *Culex* (see *C. dolosa*).
bonneae, *Culex*.
bonnei, *Culex* (*Carrollia*).
Boophilus (*Margaropus*), on cattle in E. Africa, VIII. 148, X. 16; on dogs in Barbados, II. 129; on cattle in Ceylon, X. 67; and piroplasmiasis in Gold Coast, IV. 42; not recorded in Hungary, IX. 116; in Somaliland, II. 9; experiments with leishmania and, IV. 174.
Boophilus (*Margaropus*) *annulatus*, Say, distribution of, III. 91; in Argentina, VI. 74, 75, X. 149; in Australia, III. 87, VII. 175, VIII. 58; in Brazil, II. 57, IV. 69; in Belgian Congo, V. 35; in Egypt, III. 77, IV. 7, 192, X. 127, 133; in Guam, II. 126, VIII. 74; in Italy, VII. 126, X. 185; in Macedonia, VIII. 194; in Mesopotamia, IX. 146; in Mexico, X. 118; in Nigeria,

- IV. 66, 113, VI. 225; in Sardinia, V. 28; not found in Italian Somaliland, IV. 70; in Turkey, VI. 13; in U.S.A., I. 119, II. 102, 136, 145, III. 88, 91, 185, IV. 2, VI. 143, 183, VII. 35, 36, VIII. 99, IX. 69, 109, X. 183; in Venezuela, IX. 13; in West Indies, IV. 2, VI. 179, VIII. 31, 126; transmitting *Babesia caballi*, X. 185; and piroplasmiasis of cattle and horses, I. 119, 205, II. 101, 126, IV. 7, 64, 69, V. 28, 71, VI. 13, 74, VII. 126, VIII. 31, 74, 126, IX. 13, X. 118, 127, 133, 149; hereditary infection in, II. 113; on dogs, III. 4, IV. 58, VI. 183; effect of, on milk production, III. 88; bionomics of, II. 102, IV. 2; birds destroying, IV. 2; measures against, II. 102b, 145, IV. 79, VI. 75, 143, VII. 35, 36, VIII. 58, 99, IX. 69, 109, X. 183.
- Boophilus (Margaropus) annulatus australis*, Fuller, in W. Africa, III. 179, IV. 45, IX. 101; in Australia, I. 11, 232, II. 12, IV. 8, 11, VI. 27, 41, 102, 187, VII. 12-14, 186, VIII. 74, 187; in Brazil, VIII. 66, 187; in Ceylon, VI. 42; in Colombia, V. 176; in Egypt, IV. 192, X. 133; in Guam, II. 126, VIII. 74; in British Guiana, V. 4; in India, I. 155; not present in New Zealand, VI. 115; in Philippines, VII. 194; in Seychelles, IX. 189; in Venezuela, IX. 13; in West Indies, II. 129, 175, V. 64, VI. 179, IX. 150; and piroplasmiasis of cattle, I. 233, II. 126, IV. 192, VII. 12, VIII. 66, 74, 165, 187, IX. 13, 101, X. 133; probably not a carrier of *Onchocerca gibsoni*, VI. 27; strains of cattle resistant to, VI. 187; bionomics of, VI. 102, VII. 13; measures against, I. 233, IV. 192, VI. 41, 102, 179, VII. 13, IX. 189.
- Boophilus (Margaropus) annulatus calcaratus*, Neum., in N. Africa, VIII. 165; in Albania, IX. 116; in Russia and Turkestan, V. 98, 109, X. 102; and piroplasmiasis, VIII. 66, 165, X. 102; infecting cattle with *Grahamella*, V. 109; habits of larva of, VIII. 89.
- Boophilus (Margaropus) annulatus caudatus*, Neum., in Guam, IV. 191, V. 184.
- Boophilus (Margaropus) annulatus decoloratus*, Koch, in E. Africa, I. 21, III. 133, 218; in S. Africa, I. 83, II. 111-113, 177, III. 20, IV. 46, VIII. 79, 137, 165, IV. 83; in W. Africa, IX. 101; in Angola, VIII. 167; in Annam, X. 171; introduced into Argentina on camels, II. 129; in Belgian Congo, IV. 64; in Mauritius, III. 53, 221; in Nyasaland, VII. 47, VIII. 33; and anaplasmosis, VI. 10, VIII. 166, IX. 83; and piroplasmiasis, III. 20, IV. 46, 64, V. 71, VII. 47, VIII. 165, 167, IX. 83, 101; bionomics of, II. 112; measures against, I. 83, II. 114, III. 21, 218, VIII. 137, IX. 84.
- Boophilus (Margaropus) annulatus microphilus*, Can., in S. America, II. 129, 172, IV. 83, V. 168, VI. 90, 238, 240, VII. 11, 175, VIII. 18, 85; and anaplasmosis, II. 172; and piroplasmiasis, II. 172, IV. 83, V. 168, VIII. 18; hosts of, VI. 90; development of pads on feet of, VIII. 89.
- Boophthora sericatum* (see *Simulium*).
- boothi*, *Dasyhelea*.
- Borborus*, *Herpetomonas muscaedomesticae* in, in India, IX. 208.
- Borborus equinus*, Fall., breeding in manure in British Isles, VII. 191; *Scatophaga stercoraria* predacious on, IX. 57.
- borealis*, *Silvius*; *Simulium (Prosimulium)*: *Tabanus*.
- Borkhausenella pseudospretella*, Staint., measures against, in drugs, X. 85.
- Bostrychus*, parasitised by *Conostigmus*, I. 93.
- botaurovorum*, *Olfersia*.
- Bothriothorax clavicornis*, Dalm., parasite of flies, II. 134.
- botrana*, *Polychrosis*.
- boueti*, *Choeromyia*; *Leptocimex (Cimex)*.
- Bouvierella alluaudi*, Giglio Tos, in Seychelles, VIII. 175.
- Bouvierella inornata*, Aust., described as new from Seychelles, VIII. 175.
- bouvieri*, *Stomoxys*.
- bovinus*, *Tabanus*.
- bovis*, *Chorioptes bovis*; *Demodex*; *Gastrophilus* (see *G. intestinalis*); *Hypoderma*; *Psoroptes communis*; *Sarcoptes scabiei*.
- brachiale*, *Orthetrum*.

Brachycoma devia, Fall., in houses in Britain, IV. **144**.
Brachygaster minutus, Ol., a parasite of *Blattella germanica* in Germany, X. **37**.
Brachythemis (*Cacergates*) *leucosticta*, Burm., preying on *Glossina*, II. **31**.
bracteatum, *Simulium* (see *S. aureum*).
brandoni, *Glossina* (see *G. austeni*).
brasiliiana, *Synthesiomys* (see *S. nudisetia*).
brasiliense, *Amblyomma*.
brasiliensis, *Atractocerus*; *Proteresthes* (*Tersesthes*); *Triatoma*; *Xenopsylla*.
brassicae, *Pieris*.
braziliensis, *Aedes* (*Finlaya*) *oswaldi*; *Anopheles* (*Cellia*).
brehmei, *Culex* (see *C. territans*).
breinli, *Armigeres* (*Neosquamomyia*); *Tabanus*.
brèthesi, *Culex*; *Rhodnius*.
brevibranchium, *Simulium*.
brevicellula, *Atrichopogon*.
brevicellulus, *Taeniorhynchus* (*Chrysoconops*).
breviceps, *Scipio*.
brevicornis, *Nasonia*.
brevipalpis, *Anopheles*; *Culex* (*Cyathomyia*); *Glossina*; *Megarhinus* (*Toxorhynchites*).
Brevirhynchus, II. **82**.
brevirostris, *Diatomineura*; *Urano-taenia*.
brevis, *Fannia*.
brevispinosus, *Culex*.
brevitarsis, *Culicoides*.
brevitibia, *Armigeres*.
breviusculus, *Tabanus*.
brevivitta, *Tabanus*.
brimontii, *Amblyomma*.
brisbanensis, *Tabanus*.
bromelicola, *Ceratopogon*.
bromius, *Tabanus*.
broquettii, *Aedes* (*Grabhamia*) (see *A. dorsalis*).
bruchii, *Tabanus*.
bruchiana, *Ctenomyophila*.
bruesi, *Tabanus*.
brumpti, *Argas*; *Phlebotomus*.
Brumptomyia, a new subgenus of *Phlebotomus* (q.v.), X. **50**.
brunnescens, *Haematopota*.
brunneus, *Ptinus*.
brunnipennis, *Tabanus*.
brunnipes, *Stomoxys*.
bucephala, *Cnephalia*.
bukamensis, *Pangonia*.
bulgaricum, *Simulium*.
bullata, *Sarcophaga*.

bullatifrons, *Haematopota*.
Buplex, gen. n., VIII. **208**.
Buplex fuscineris, Aust., described as new from Cape Colony, VIII. **208**.
bursa, *Liponyssus*; *Rhipicephalus*.
buscki, *Aedes* (*Stegomyia*); *Drosophila*.
buteonis, *Ornithomyia*.
butleri, *Aedes*.
buxtoni, *Chrysops*.

C.

caballus, *Aedes* (*Grabhamia*, *Ochlerotatus*).
Cacergates leucosticta (see *Brachythemis*).
Cacodmus ignotus, Roths., on bats in Uganda, II. **95**.
Cacodmus sparsilis, Roths., described as new from bats in Natal, II. **95**.
Cacodmus villosus, Stål, II. **95**.
Cacomys albomaculata (see *Haemogogus*).
cadavericus, *Trachynotus*.
cadaverina, *Cynomyia*; *Pyrellia* (*Ophyra*).
cadaverinus, *Dermestes*; *Hister*.
cadaverum, *Glyciphagus*.
caecigena, *Tunga*.
caecutiens, *Chrysops*.
Caenoccephalus, gen. n., II. **93**.
Caenoccephalus concolor, Tayl., in Tasmania, III. **37**; breeding-places of, in New South Wales, IV. **182**.
Caenoprosopon hamlyni, Tayl., described as new from New South Wales, VII. **12**.
caesar, *Lucilia*.
caesarion, *Cryptolucilia*.
caesia, *Cyrtoneura*.
caffra, *Trichodectes*.
caennensis, *Tabanus*.
cairnensis, *Aedes* (*Pseudoskusea*); *Culex* (*Lophocerotomyia*) (see *C. fraudatrix*).
cayennense, *Amblyomma* (see *A. cayennense*).
Calandra, parasitised by *Cerocephala*, IV. **121**.
Calandra (*Calendra*) *granaria*, L., not possessing vesicating properties, X. **147, 173**.
Calandra oryzae, L., *Pediculoides ventricosus* a parasite of, VIII. **123**.
calcarata, *Haemaphysalis*.

- calcaratum*, *Amblyomma*.
calcaratus, *Boophilus* (*Margaropus*) *annulatus*.
calcitrans, *Stomoxys*.
caledonica, *Rachionotomyia*.
caledonicus, *Ixodes*; *Tabanus*.
Calendra (see *Calandra*).
calidus, *Mallophora*.
californicus, *Ceratophyllus*; *Tabanus*.
caliginea, *Glossina*.
caliginosa, *Chaetoneurophora*.
caliginosus, *Aedes* (*Ochlerotatus*).
callangana, *Palpomyia*.
callida, *Chrysops*.
calligraphus, *Chironomus*.
Calliphora, III. 44, VII. 40; in British Isles, IX. 57, 140; in Egypt, VI. 100, 239; in Hawaii, VI. 164; in Mesopotamia, V. 23; in U.S.A., VI. 116; bionomics of, II. 89; relation of various protozoa to, V. 117, VI. 112, IX. 96, 126, 144; parasites of, V. 68; carriage of, by wind, I. 233; colour preferences of, VIII. 160; doubtful value of *Scatophaga stercoraria* against, IX. 57, 140; baits and traps for, IV. 142, V. 23, VI. 116; effect of hydrocyanic gas on, IX. 191; other measures against, V. 23, VI. 100.
Calliphora aucta, Wlk., in India, X. 154.
Calliphora augur (see *Anastellorhina*).
Calliphora azurea (see *Phormia*).
Calliphora coloradensis, Hough, in U.S.A., III. 62, V. 92, 125, X. 170; infesting meat factories, V. 92; associated with goats, X. 170.
Calliphora dux, Esch., *Chrysomya flaviceps* recorded as, in Australia, X. 56; a synonym of *Chrysomya megacephala*, q.v.
Calliphora erythrocephala, Mg., X. 73; in Australia, III. 15, IX. 155; in Austria, VII. 81; in British Isles, II. 19, III. 89, 175, IV. 46, 102, 143, 167, 169, VII. 191, VIII. 22, 218, X. 87; in Canada, III. 155; in France, II. 134; in Gallipoli, IV. 92, VI. 26; *C. aucta* mistaken for, in India, X. 154; in Manchuria, X. 45; in Mesopotamia, IX. 15; in New Zealand, VII. 107, IX. 168, X. 165; in Poland, VIII. 119; in Russia, I. 110; in Salonika, IV. 179; in U.S.A., II. 16, III. 62, 161, IV. 5, V. 92, 125, 128, 145, VI. 103, VIII. 30, X. 26; disseminating amoebic dysentery, VI. 82; transmitting anthrax, X. 26; causing myiasis, I. 67, III. 152; flagellates found in, VIII. 88; infected with *Nosema apis*, II. 45; bacteria transmitted from larva to adult of, II. 62; bionomics of, II. 16, III. 161, IV. 143, X. 23, 172, 232; natural enemies of, II. 56, V. 158, VIII. 22, 30, 218; effect of temperature on, III. 9; larvae of, attacking snails, VIII. 24; hibernation of, V. 128; sense reactions of, VII. 56; abnormal development of, IX. 86; female armature of, VII. 133; measures against, IV. 5, 167, 169, VII. 191, X. 87; on the battlefield, IV. 17.
Calliphora flavipes, in Queensland, IV. 183.
Calliphora groenlandica (see *Phormia*).
Calliphora hortonae, Wlk., infesting sheep in New Zealand, IX. 168.
Calliphora icela, Wlk., in New Zealand, IX. 168.
Calliphora incisoralis (see *Chrysomya incisuralis*).
Calliphora lata, Coq., in Korea, IX. 180, X. 206; in Manchuria, X. 45; hibernation of, IX. 180, X. 206.
Calliphora latifrons, Hough, in Montana, III. 62, V. 125.
Calliphora oceaniae, R.-D. (see *Anastellorhina augur*).
Calliphora quadrimaculata, Swed., in New Zealand, VII. 107, IX. 168; possibly infesting sheep, IX. 168.
Calliphora rufifacies (see *Chrysomya*).
Calliphora varipes (see *Chrysomya*).
Calliphora villosa, R.-D. (see *Polenia stygia*).
Calliphora viridescens, R.-D., in Canada, VII. 196; infesting meat factories in U.S.A., V. 92.
Calliphora vomitoria, L., X. 73; in British Isles, II. 19, III. 175, 180, IV. 46, 143, 145, VIII. 218; in Canada, III. 155, VI. 81; in France, II. 119, 134, X. 176; in Gallipoli, IV. 92, VI. 26; in Germany, VIII. 122; in Poland, VIII. 119; in Sweden, VII. 157; in U.S.A., V. 92, 128, 145, VI. 169, VII. 10, IX. 71, 173; causing myiasis, III. 31, 152,

- VI. 3; relation of, to disease, IX. 71, 173; larvae of, not causing limberneck in poultry, VIII. 204; bionomics of, III. 180, IV. 145, VI. 81; stimuli to oviposition of, IX. 139; hibernation of, V. 128; larvae of, reared in sterile media, VII. 140, VIII. 36; sense reactions of, VII. 56; measures against, II. 119, III. 181, IV. 169, X. 176; parasites of, VIII. 218; in dead bodies, IX. 121; posterior stigmata of larva of, II. 131.
- calliphorae*, *Chalcis*.
- Calliptamus* (*Caloptenus*) *italicus*, L., parasitised by *Sarcophaga* spp., I. 151.
- Callistopsyllus*, gen. n., IV. 33.
- Callistopsyllus terinus*, J. & R., described as new from America, IV. 33.
- callithotrys*, *Aedes*.
- callosus*, *Silvius*.
- Calocoris chenopodii*, Mey. (see *C. lineolatus*).
- Calocoris lineolatus*, Goeze, on *Euphorbia* in Italy, IX. 106.
- Calomyia priestleyi*, Tayl., in Queensland, IV. 60.
- Caloptenus italicus* (see *Calliptamus*).
- caloptera*, *Dichelacera*.
- Calopteryx*, predacious on Anopheline larvae, IX. 142.
- calopus*, *Aedes* (see *A. (Stegomyia) argenteus*).
- calosomata*, *Uranotaenia*.
- calva*, *Polyplax*.
- cameli*, *Sarcoptes scabiei*.
- camelina*, *Hippobosca*.
- camelorum*, *Tersesthes*.
- cambestris*, *Aedes*; *Cicindela*; *Uranotaenia*.
- Camponotus hannani*, For., in houses in Jamaica, IX. 31.
- Camponotus landolti zonatus*, Emery, a mechanical carrier of typhoid, II. 9.
- Camponotus pennsylvanicus*, De G., sodium fluoride against, in houses, VI. 40.
- camposanus*, *Aedes* (*Ochlerotatus*).
- camptorhynchus*, *Aedes* (*Ochlerotatus*).
- canadensis*, *Aedes* (*Culex*, *Ochlerotatus*).
- canaliculata*, *Forcipomyia*.
- canariense*, *Simulium*.
- cancer*, *Deinocerites*.
- cancricomes*, *Aedes* (*Skusea*).
- cancroides*, *Chelifer*.
- canella*, *Epischinia*.
- canescens*, *Tephrochlamys*.
- canestrinii*, *Glyciphagus*; *Ornithodoros*.
- canicularis*, *Fannia* (*Homalomyia*).
- caninus*, *Demodex* (see *D. canis*).
- canis*, *Ctenocephalus*; *Demodex*; *Otodectes* (*Chorioptes*) *cynotis*; *Sarcoptes scabiei*; *Trichodectes*.
- canisuga*, *Ixodes*.
- cannabina*, *Phorbia* (*Chortophila*).
- cantans*, *Aedes* (*Culex*, *Culicada*) (see *A. maculatus*).
- cantator*, *Aedes* (*Culex*, *Ochlerotatus*).
- Cantharis flavicornis*, Duf., causing dermatitis in Senegal, IV. 15.
- Cantharis hirticornis*, Haag, value of, in India, X. 123.
- Cantharis vesicatoria* (see *Lytta*).
- Cantharis vestita*, Duf., causing dermatitis in Senegal, IV. 15.
- Canthon*, introduced into Hawaii against *Lyperosia irritans*, X. 83; in U.S.A., X. 83.
- Canthon violaceus*, Ol., proposed introduction of, into Porto Rico to destroy breeding-places of *Lyperosia*, VII. 186.
- canus*, *Tabanus*.
- capensis*, *Haemolaelaps*; *Hippobosca*; *Lynchia* (*Olfersia*); *Rhinolophosylla*; *Rhipicephalus*.
- capillatus*, *Solenopotes*.
- capitis*, *Pediculus*.
- caponis*, *Lipeurus*.
- caprae*, *Chorioptes*; *Psoroptes equi* (*communis*); *Sarcoptes scabiei*; *Trichodectes*.
- capricornii*, *Haemagogus*.
- caprina*, *Lipoptena*.
- captionis*, *Tabanus*.
- cara*, *Wyeomyia*.
- Carausius* (*Dixippus*) *morosus*, F., azurophil granulations in leucocytes of, IX. 123; reaction of, to inoculation with *Leptomonas pyrrhocoris*, IX. 144.
- carbonarius*, *Chrysops*.
- cardamitisi*, *Pyrethrophorus* (see *Anopheles superpictus*).
- caribbea*, *Drosophila*.
- caridei*, *Cotocripus*.
- carmodyae*, *Culex*.
- carnaria*, *Sarcophaga*.
- Carnus*, parasitic on birds, X. 139.
- Carnus hemapterus*, Nitzsch, parasitic on birds in Europe, IX. 20, X. 140, 166; conveying *Haemoproteus* to kestrels, VIII. 62.
- Carnus* (*Hylemyia*) *nidicola*, Aldr., described as new, VIII. 68; parasitic on birds in U.S.A., VIII. 68, X. 140.

- Carnus setosus*, Stobbe, infesting birds in Central Europe, IX. 20.
carpenteri, Pangonia.
carpophagus, Geophilus.
Carpophilus mutilatus, Erichs., on hides from India, III. 143.
Carrollia, notice of key to species of, X. 55; a subgenus of *Culex*, q.v.
carteri, *Elaphromyia*.
cartroni, *Aedes* (*Stegomyia*); *Culex* (see *C. fatigans*).
casei, *Piophilus*.
caspicus, *Aedes* (*Ochlerotatus*).
castanea, *Forcipomyia*.
castaneum, *Tribolium*.
castellani, *Tyroglyphus longior*.
castor, *Platypyllus*.
castrensis, *Culex*.
Catallagia charlottensis, Baker, on *Peromyscus macrochirus* in Br. Columbia, IV. 33.
Catallagia decipiens, Roths., described as new, IV. 33; hosts of, in British Columbia, IV. 33.
cataphylla, *Aedes* (*Ochlerotatus*).
catasticta, *Aedomyia* (see *A. venustipes*).
Catharsius molossus, L., in Philip-pines, X. 83; attempted introduction of, into Hawaii against *Lyperosia irritans*, X. 83.
cati, *Demodex*; *Notoedrus* (*Notoedres*, *Sarcoptes*).
caucasicus, *Phlebotomus* (see *P. sergenti*).
caucurtei, *Ixodiphagus*.
caudatus, *Boophilus* (*Margaropus*) *annulatus*.
caudelli, *Culex*.
caviae, *Chirodiscoides*.
cavus, *Dibrachys*.
cayennense, *Amblyomma*.
cayennensis, *Cuterebra*.
Celaenopsis latus, Bks., in New Jersey, III. 155.
celanospila, *Palimmecomyia*.
celer, *Chrysops*.
Cellia, a subgenus of *Anopheles*, q.v.
centrale, *Psorophora* (*Janthinosoma*) (see *P. posticata*).
Centrochalcis exaratum (see *Stomatoceras*).
centropunctatus, *Aedes* (*Culicella*, *Ochlerotatus*).
Centrorhynchus inconspicuus (see *Lasiohelea*).
centurionis, *Chrysops*.
Cephalomyia maculata, Wied. (see *Cephalopsis titillator*).
Cephalomyia ovis (see *Oestrus*).
cephalonica, *Corecya*.
Cephalopsis, peculiar to camels, V. 49.
Cephalopsis (*Oestrus*) *titillator*, Clark (*Cephalomyia maculata*, Wied.), in Egypt, VI. 239; in Mesopotamia, IX. 102; infesting camels, III. 99, 218, VI. 239, IX. 102; synonymy of, IV. 22.
cephalotes, *Aphaereta*.
Cephenomyia, in N. Canada, VII. 196; infesting haartebeeste in Gold Coast, V. 45; placed in the Calliphoridae, V. 49; notice of key to larvae and adults of, IV. 22, IX. 19.
Cephenomyia abdominalis, Aldr., described as new from U.S.A., III. 166.
Cephenomyia auribarbis, Mg. (*rufibarbis*, Mg.), IX. 19; on red deer in Europe, III. 166.
Cephenomyia grandis, Guér., in Patagonia, III. 166.
Cephenomyia macrotis, Brauer, probably identical with *C. phobifer*, V. 180.
Cephenomyia phobifer, Clark, infesting game animals in America, V. 180.
Cephenomyia pratti, Hunter, infesting game animals in America, V. 180.
Cephenomyia rufibarbis, Mg. (see *C. auribarbis*).
Cephenomyia stimulator, Clark, IX. 19; on roe deer in Europe, III. 166.
Cephenomyia trompe, L., IX. 19; in Lapland, VIII. 74, X. 40; in Norway, VI. 78; infesting reindeer, III. 166, VI. 78, X. 40; bionomics and control of, X. 40; confused with *Gastrophilus nasalis*, III. 217.
Cephenomyia ulrichi, Brauer, on elk in Europe, III. 166; larva of, IX. 19.
cepuricus, *Tabanus*.
Ceratitis, parasites of, in Nigeria, VI. 40.
Ceratolophus, blood-sucking habits of, I. 66.
Ceratophyllus, infesting birds in America, VIII. 98; on rats and squirrels in India, IX. 211, 212.
Ceratophyllus acutus, Baker, transmitting plague amongst rodents in U.S.A., IV. 4, X. 44; attacking man, VIII. 4.
Ceratophyllus alladinis, Roths., in India, IX. 62.

- Ceratophyllus anisus*, Roths., and plague, IV. 4, VIII. 4.
- Ceratophyllus apollinaris*, J. & R., described as new from Colombia, IX. 62.
- Ceratophyllus arcotus*, J. & R., described as new from India, IX. 62.
- Ceratophyllus argutus*, J. & R., described as new from India, IX. 62.
- Ceratophyllus avium*, Tasch., on fowls in U.S.A., VI. 143.
- Ceratophyllus barbarus*, J. & R., VII. 151.
- Ceratophyllus californicus*, Baker, probably a synonym of *C. fasciatus*, IX. 62.
- Ceratophyllus columbae*, Gerv., on owls in Caucasia, IV. 151.
- Ceratophyllus elatus*, J. & R., described as new from Turkestan, IV. 32.
- Ceratophyllus fasciatus*, Bosc., in Australia, III. 206, IV. 182, VI. 62, VII. 81, 187, X. 144; in Britain, I. 102, 104, IV. 166, V. 179, IX. 47, 202; in Egypt, III. 44; in India, IX. 62, 125, 211; in Italy, VIII. 201; in Malta, VI. 43, 190; in U.S.A., I. 186, X. 44, 84; and plague, I. 88, II. 61, III. 63, IV. 4, VII. 155, VIII. 3, X. 44; possibly transmitting rheumatic fever, VIII. 75, IX. 62, X. 119; protozoa found in, I. 123, II. 54, 90, III. 74, 144, IV. 103; entozoa found in, I. 165, V. 14, VIII. 85; attacking man, VI. 86, VIII. 3, X. 44; on rodents, I. 102, 104, 186, II. 54, 90, III. 44, 63, IV. 103, 182, V. 179, VI. 43, 190, VII. 81, 187, VIII. 201, IX. 211, X. 144; bionomics of, II. 62-64, 131, 190, X. 84; measures against, II. 62, VIII. 76.
- Ceratophyllus fidus*, J. & R., described as new from *Apodemus tscherga* in Turkestan, IV. 32.
- Ceratophyllus fimbriatus*, J. & R., described as new from *Sciuropterus fimbriatus* in N.W. India, IX. 61.
- Ceratophyllus fringillae*, Wlk., infesting birds in England, IX. 47.
- Ceratophyllus gallinae*, Schr., in Britain, I. 103, III. 158, IV. 166, IX. 47; in U.S.A., I. 85, II. 44 (*lusavium* in error), IV. 13; infesting fowls and other birds, I. 85, III. 158, IV. 13, IX. 47; on rats, I. 103; bionomics of, II. 64; notes on larvae of, II. 131.
- Ceratophyllus gallinulae*, Dale, infesting birds in England, IX. 47.
- Ceratophyllus garei*, Roths., infesting birds in England, IX. 47; described as *C. utahensis*, sp. n., VII. 121.
- Ceratophyllus haesidatoris-desideratus*, Weiss, described as new from rodents in Tunisia, VII. 151.
- Ceratophyllus hastatus*, J. & R., described as new from *Dremomys rufigenis* in Shan States, IX. 61.
- Ceratophyllus hirundinis*, Curt., infesting house-martins in England, IX. 47; on rats, I. 103.
- Ceratophyllus idoneus*, Roths., described as new, VII. 164; hosts of, in Sumatra, VII. 164.
- Ceratophyllus ignotus*, J. & R., in U.S.A., IV. 33.
- Ceratophyllus ignotus albertensis*, J. & R., described as new, IV. 33; hosts of, in Canada, IV. 33.
- Ceratophyllus ignotus apachinus*, Fox, on *Thomomys talpoides agrestis* in Colorado, IV. 33.
- Ceratophyllus ignotus franciscanus*, Roths., hosts and distribution of, IV. 33.
- Ceratophyllus ignotus recula*, J. & R., described as new, IV. 33; hosts of, in British Columbia, IV. 33.
- Ceratophyllus klossi*, Roths., described as new from *Rattus inflatus* in Sumatra, VII. 164.
- Ceratophyllus laverani*, Roths., *Trypanosoma blanchardi* in, I. 123.
- Ceratophyllus londiniensis*, Roths., on rats at Liverpool, IX. 202.
- Ceratophyllus lupatus*, J. & R., described as new from *Sciurus lateroides* from Nepal, IX. 61.
- Ceratophyllus lusavium*, Tasch. (see *C. gallinae*).
- Ceratophyllus macrophthalmus*, J. & R., described as new from *Arvicola terrestris scythicus* in Turkestan, IV. 32.
- Ceratophyllus maurus*, J. & R., on rodents in Algeria, VII. 151.
- Ceratophyllus melis*, Wlk., infesting foxes, IX. 96.
- Ceratophyllus mustelae*, Wagner, hosts of, in England, I. 103, IX. 47.
- Ceratophyllus nilgiriensis*, J. & R., described as new, IX. 62; hosts of, in India, IX. 62, 211.
- Ceratophyllus oculatus*, Baker, probably a synonym of *C. fasciatus*, IX. 62.
- Ceratophyllus penicilliger*, Grube, on voles in England, IX. 47.

- Ceratophyllus praefectus*, J. & R., described as new from *Apodemus tscherga* in Turkestan, IV. 32.
- Ceratophyllus punensis*, J. & R., described as new from *Funambulus* in India, IX. 62.
- Ceratophyllus punjabensis*, J. & R., described as new from rats in India, IX. 62, 211.
- Ceratophyllus sarinus*, J. & R., described as new from *Mus* in Asia Minor, IX. 62.
- Ceratophyllus sciurorum*, Schr., on rodents in England, IX. 47.
- Ceratophyllus silantievi*, Wagner, on marmots in Mongolia, I. 190.
- Ceratophyllus simla*, J. & R., described as new, IX. 62; hosts of, in India, IX. 62.
- Ceratophyllus sincerus*, J. & R., described as new from Palestine, IX. 62.
- Ceratophyllus sodalis*, Roths., described as new from squirrels in Sumatra, VII. 164.
- Ceratophyllus spadix*, J. & R., described as new from Burma, IX. 62.
- Ceratophyllus styx*, Roths., on birds in England, IX. 47.
- Ceratophyllus sucinus*, J. & R., described as new, IX. 62; hosts of, in Rumania, IX. 62.
- Ceratophyllus tamilanus*, J. & R., described as new from *Epimys* in Ceylon, IX. 62.
- Ceratophyllus tersus*, J. & R., described as new from *Rhombomys* in Turkestan, IV. 32.
- Ceratophyllus utahensis*, Chapin, described as new from *Steganopus tricolor* in U.S.A., VII. 121; a synonym of *C. garei*, q.v.
- Ceratophyllus wagneri*, Baker, on *Peromyscus* in U.S.A., VII. 121.
- Ceratophyllus walkeri*, Roths., hosts of, in England, I. 103, IX. 47.
- Ceratopogon*, VII. 40; in Tropical Africa, I. 45, III. 33, 50, 137, VI. 83; in Brazil, I. 65, V. 65; in India, VII. 46, X. 81; in Malaya, X. 58; in Peru, I. 221; in U.S.A., II. 78; in West Indies, V. 54; not carrying microfilaria, III. 33; attacking other insects, I. 119, II. 204, VI. 37, X. 58; feeding habits of, X. 81; notice of key to species of, X. 52.
- Ceratopogon australiensis*, Kieff., described as new from New Guinea, VII. 154.
- Ceratopogon bellus* (see *Neoceratopogon*).
- Ceratopogon blanchardi*, Salm, described as new from Java, V. 75. (See *C. raphaelis*.)
- Ceratopogon bromelicola*, Lutz, described as new from Brazil, III. 82.
- Ceratopogon (Prohelea) chrysothrix*, Kieff., described as new from Philippines and Formosa, IX. 191.
- Ceratopogon coquilletti*, Kieff., described as new from U.S.A., VII. 154.
- Ceratopogon decipiens*, Kieff., in India, VIII. 30.
- Ceratopogon filibranchius*, Lutz, described as new from Brazil, III. 82.
- Ceratopogon flaviventris*, Kieff., described as new from New Guinea, VII. 154.
- Ceratopogon fuscicornis* (see *Euforciomyia*).
- Ceratopogon (Prohelea) fuscimanus*, Kieff., described as new from Formosa, IX. 191.
- Ceratopogon kribiensis*, Kieff., described as new from Kamerun, X. 51.
- Ceratopogon lepidopus*, Kieff., described as new from New Guinea, VII. 154.
- Ceratopogon leuchochaetus*, Kieff., described as new from Kamerun, X. 51.
- Ceratopogon niligena*, Kieff., described as new from Sudan, X. 51.
- Ceratopogon peregrinus*, Johannsen, in Illinois, IV. 55.
- Ceratopogon punctum-album*, Kieff., described as new from New Guinea, VII. 154.
- Ceratopogon raphaelis*, Salm, n.n. for *C. blanchardi*, V. 75, VI. 175, IX. 107; in Java, V. 75, VI. 175, IX. 107.
- Ceratopogon salmi*, de Meij., attacking man in Sunda Islands, II. 162.
- Ceratopogon stimulans* (see *Lasiohelea*).
- Ceratopogon tropicus*, Kieff., described as new from Costa Rica, VII. 154.
- Ceratopogon (Forcipomyia) vexans*, de Meij., attacking man in Sunda Islands, II. 162.
- Ceratopsylla*, on bats in Tasmania, IX. 105.
- cerealella*, *Sitotroga*.
- cerealium*, *Limothrips (Thrips)*.

- Cerocephala*, parasite of *Calandra*, IV. 121.
- Ceroxys crassipennis*, F., flagellates found in, VIII. 88.
- certa*, *Amphipsylla*.
- cervi*, *Lipoptena*.
- cervicalis*, *Pediculus* (see *P. capitis*).
- cervus*, *Stichocera* (*Dicranomyia*).
- Centrorhynchus setifer*, Lutz (see *Cotocripus caridei*).
- ceylonicus*, *Aedes*; *Tabanus*.
- Chaetocruuiomyia* (see *Aedes*).
- Chaetocruuiomyia sylvestris*, Theo. (see *Aedes spinosipes*).
- Chaetodacus* (see *Dacus*).
- Chaetomyia* (see *Armigeres*).
- Chaetoneurophora caliginosa*, Mg., breeding-places of, IV. 51.
- Chaetoneurophora curvinervis*, Becker, breeding-places of, IV. 51.
- Chaetopsylla vulpes*, Motsch., on foxes, IX. 96.
- chagasi*, *Triatoma*.
- Chagasia*, a subgenus of *Anopheles* (q.v.), VII. 23.
- Chalcis*, rare as parasites of blow-flies in Australia, X. 2.
- Chalcis amenocles*, Wlk., parasite of *Glossina* in Gold Coast, VI. 40, 99.
- Chalcis calliphorae*, Frogg., described as new, IV. 179; parasitising blow-flies in Australia, IV. 179, V. 6, 166, VIII. 174, IX. 156, 169, X. 1, 56, 134; introduced into New Zealand, IX. 169; of little economic importance, X. 134.
- Chalcis dipterophaga*, Gir. & Dodd, of little value against blow-flies in Australia, X. 1, 134.
- chalcocorystes*, *Culex*.
- chalcogaster*, *Ophyra*.
- chalcospilans*, *Haemagogus*.
- chamaeleon*, *Stratiomyia*.
- chamberlaini*, *Mimomyia*.
- chanavi*, *Freyana*.
- chandi*, *Heizmannia*.
- Chaoborus*, thoracic air-sacs of larva of, VII. 103; pupal characters of, V. 167.
- Chaoborus indicus*, Giles, in Sumatra, IV. 23.
- charlottensis*, *Catallagia*.
- chaudoyei*, *Anopheles* (see *A. multicolor*).
- Cheiletiella parasitovorax*, Mégn., causing mange in man, VII. 172; on cats, V. 128.
- Chelifer cancroides*, L., in Norway, IV. 180; predacious on bed-bugs in Russia, VIII. 134.
- Chelifer* (*Chernes*) *nodosus*, Schr., infesting house-flies in Britain, III. 174, IV. 146; breeding in manure, VII. 191.
- Chelifer scorpioides*, Herm., infesting *Stomoxys calcitrans* in Britain, IV. 146.
- chelli*, *Aedes* (*Ochlerotatus*).
- Chelotabanus aurora*, Macq., habits of, in Brazil, VIII. 25.
- chemulpoensis*, *Aedes* (*Stegomyia*).
- chenopodii*, *Calocoris* (see *C. lineolatus*).
- cheopsis*, *Xenopsylla* (*Loemopsylla*, *Pulex*).
- chephrenis*, *Xenopsylla*.
- Chernes nodosus* (see *Chelifer*).
- Cheyletus*, attacking man in Sumatra, IV. 52; predacious on harmful mites, X. 47.
- Cheyletus eruditus*, Schr., in Britain, VIII. 201, IX. 11; in France, IX. 11; hosts of, VIII. 201, IX. 11; predacious on forage mites, IX. 11.
- Chiasstopsylla*, notice of key to, X. 30.
- Chiasstopsylla godfrevi*, Watrst., in Cape Colony, X. 30.
- Chiasstopsylla rossi*, Watrst., hosts of, in S. Africa, III. 134.
- chicorii*, *Mylabris*.
- chidesteri*, *Culex*.
- chinensis*, *Haematopinus suis*; *Pediculus humanus*; *Phlebotomus major*.
- chiopterus*, *Culicoides*.
- Chirodiscoides*, gen. n., VI. 60.
- Chirodiscoides eaviae*, Hirst, described as new from guinea-pigs, VI. 60.
- Chiromyia flava*, L., II. 124.
- Chironomus*, in Kashmir, I. 142; breeding-places of, in Senegal, I. 54; in Switzerland, VI. 172.
- Chironomus calligraphicus*, in Guatemala, IV. 177.
- chiropteralis*, *Demodex*; *Liponyssus*.
- Chloe*, not destroying mosquito larvae in Russia, I. 195, 196.
- Chloromyia formosa*, Scop., breeding in manure in British Isles, VII. 191.
- Chloropisca circumdata*, Mg., in houses in England, III. 184.
- Chloropisca notata*, Mg., in Britain, III. 89.
- Chlorops leprae*, Wied., and leprosy in Zanzibar, I. 54.
- chloropyga*, *Chrysomyia*.
- Chlorotabanus mexicanus* (see *Tabanus*).
- Choeromyia*, frequenting houses in

- Africa, V. **36**; blood-sucking larva of, II. **69**, III. **97, 98, 122**, VI. **155**.
- Choeromyia bequaerti*, Roub., infesting burrows of ant-bears and wart-hogs in Tropical Africa, III. **199**, VII. **86**.
- Choeromyia boueti*, Roub., bionomics of, in Tropical Africa, I. **172**, III. **199**, IV. **101**.
- Choeromyia choerophaga*, Roub., bionomics of, in Tropical Africa, I. **172-175**, IV. **101**; *Cordylobia anthropophaga* erroneously recorded as, III. **199**, IV. **16**.
- Choeromyia* (*Auchmeromyia*) *prae-grandis*, Aust., bionomics of, in Tropical Africa, I. **69, 92, 172**, III. **199**, VII. **86**.
- choerophaga*, *Choeromyia*.
- Choeroporpa* (see *Culex*).
- chordeilis*, *Haemaphysalis* (see *H. cinnabarina*).
- Choriopetes*, VII. **39**.
- Choriopetes auricularum*, Luc. & Nic. (see *Otodectes cynotis*).
- Choriopetes bovis bovis*, Gerl. (*symbiotes*, Raill.), causing mange in cattle in U.S.A., VII. **104**.
- Choriopetes bovis equi*, Gerl., in Belgian Congo, V. **35**; infesting horses, IV. **178**, V. **35**, VI. **170**, VII. **166**.
- Choriopetes caprae*, Gerv. & Beneden, causing mange in goats, I. **93**.
- Choriopetes cynotis* (see *Otodectes*).
- Choriopetes cynotis canis* (see *Otodectes*).
- Choriopetes cynotis felis* (see *Otodectes*).
- Choriopetes cynotis furonis* (see *Otodectes*).
- Choriopetes ccaudatus*, Mégn. (see *Otodectes cynotis*).
- Choriopetes equi* (see *C. bovis equi*).
- Choriopetes symbiotes*, Raill. (see *C. bovis*).
- Chortoglyphus arcuatus*, Troup, in stables in Britain, IX. **11**.
- Chortophila* (see *Phorbia*).
- christianus*, *Aedes* (*Stegomyia*).
- christophersi*, *Aedes* (*Finlaya*); *Anopheles* (see *A. minimus*).
- Christophersia halli*, James (see *Anopheles kochi*).
- chroiopus*, *Sabethes*.
- chryselatus*, *Culex* (*Microculex*).
- chrysidiformis*, *Rodhainomyia* (*Cobboldia*).
- Chrysis*, parasite of *Bembex rostrata*, III. **195**.
- Chrysoconops acer*, Theo. (see *Taeniorhynchus brevicellulus*).
- Chrysoconops aurites* (see *Taeniorhynchus*).
- Chrysoconops brevicellulus* (see *Taeniorhynchus*).
- Chrysoconops cristatus* (see *Taeniorhynchus*).
- Chrysoconops fulvus* (see *Aedes*).
- Chrysoconops fuscopennatus* (see *Taeniorhynchus*).
- Chrysoconops nocturnus*, Theo. (see *Taeniorhynchus cristatus*).
- Chrysoconops pygmaeus*, Theo. (see *Taeniorhynchus brevicellulus*).
- chrysogaster*, *Eretmopodites*.
- Chrysomyia* (*Pycnosoma*), I. **140**; parasitised by *Nasonia brevicornis*, V. **158**; trypanosomes of, unable to live in other flies, VI. **34**; posterior stigmata of larva of, II. **131**.
- Chrysomyia* (*Calliphora*, *Pycnosoma*) *albiceps*, Wied. (*putoria*, Wied., *rufifacies*, Macq.), in W. Africa, III. **98**, IX. **208**, X. **187**; in Australia, I. **225**, II. **85, 94**, III. **14, 15, 159, 185**, IV. **71, 183**, V. **6, 54, 166**, VII. **124**, VIII. **73**, IX. **155, 168**, X. **1, 56, 204**; in Belgian Congo, V. **139**; in Hawaii, VI. **163**; in India, X. **74**; in Mesopotamia, IX. **15**; in New Zealand, IX. **168**, X. **165, 204**; in Rhodesia, VIII. **199**; in Somaliland, III. **136**; in Zanzibar, III. **50**, VI. **46**; believed to spread dysentery, III. **98**; infected with *Herpetomonas mirabilis*, IX. **208**; causing myiasis, V. **139**, VIII. **199**; infesting man, X. **187**; infesting sheep, I. **225**, II. **85, 94**, III. **14, 15, 159, 185**, IV. **71**, VII. **124**, IX. **155, 168**, X. **165, 204**; bionomics of, V. **6, 166**, VI. **163**, X. **1, 56, 74**; utilisation of parasites of, VII. **100**; distribution of, X. **154**; anatomy of larva of, IX. **64**; measures against, IV. **71**, VII. **124**; synonymy of, X. **56, 74, 154**.
- Chrysomyia albiceps bibula*, Wied. (see *C. albiceps*).
- Chrysomyia arabica*, R.-D. (see *C. marginalis*).
- Chrysomyia bata*, Wlk. (see *C. megacephala*).
- Chrysomyia bengalensis*, R.-D. (see *C. albiceps*).
- Chrysomyia* (*Pycnosoma*) *bezziana*, Vill. (*megacephala*, Bezzi nec F., *flaviceps*, auct.), in Tropical Africa, III. **98**, IV. **21**, V. **35, 139**, X. **17**; in India, VI. **62**, IX. **53**,

- 103, 105, X. 17, 67, 137, 154; in Zanzibar, VI. 124; causing myiasis, III. 98, IV. 21, V. 35, 139, VI. 124, IX. 53, 103, 105, X. 17, 67, 137; bionomics of, VI. 62; odours attractive to, VII. 27; measures against, X. 137.
- Chrysomyia chloropyga*, Wied., causing myiasis in Belgian Congo, V. 139.
- Chrysomyia combrea*, Wlk. (*nigriceps*, Patton), bionomics of, in India, X. 74; synonyms of, X. 154.
- Chrysomyia defixa*, Wlk. (see *C. combrea*).
- Chrysomyia dejeani*, R.-D. (see *C. albiceps*).
- Chrysomyia duvaucellii*, R.-D. (see *C. megacephala*).
- Chrysomyia dux*, Esch. (see *C. megacephala*).
- Chrysomyia elara*, Wlk. (see *C. albiceps*).
- Chrysomyia emoda*, Wlk. (see *C. albiceps*).
- Chrysomyia flaviceps*, Macq. (see *C. megacephala*).
- Chrysomyia flaviceps*, auct. (see *C. bezziana*).
- Chrysomyia himella*, Wlk. (see *C. albiceps*).
- Chrysomyia (Calliphora) incisuralis*, Macq., in Australia, VIII. 73, IX. 155.
- Chrysomyia macellaria* (see *Cochliomyia*).
- Chrysomyia (Pycnosoma) marginalis*, Wied., fly allied to, causing myiasis in S. Rhodesia, VII. 60; in Somaliland, III. 136; in Zanzibar, III. 50; synonyms of, X. 154.
- Chrysomyia (Pycnosoma) megacephala*, F. (*dux*, Esch., *flaviceps*, Macq.), in Australia, IX. 155, X. 1, 56; in Ceylon, VI. 42; in Hawaii, III. 159, VI. 164; in India, IX. 53, 179, X. 17, 154; causing myiasis, III. 159, VI. 42, IX. 53, 179, X. 17; *Herpetomonas* in, IX. 208; bionomics of, X. 1, 74; larva of, attacking molluscs, IX. 49; distribution of, X. 74; synonymy of, III. 98, X. 154; *C. bezziana* wrongly identified as, III. 98.
- Chrysomyia nigriceps*, Patton, described as new from India, X. 74; a synonym of *C. combrea*, q.v.
- Chrysomyia nigripennis*, Hough (see *C. marginalis*).
- Chrysomyia orientalis*, Macq. (see *C. albiceps*).
- Chrysomyia pinguis*, Wlk. (see *C. combrea*).
- Chrysomyia putoria*, Wied. (see *C. albiceps*).
- Chrysomyia regalis*, R.-D. (see *C. marginalis*).
- Chrysomyia remuria*, Wlk. (see *C. megacephala*).
- Chrysomyia rufifacies*, Macq. (see *C. albiceps*).
- Chrysomyia (Pycnosoma) varipes*, Macq., in Australia, III. 185, IV. 71, V. 6, 166, VI. 68, VII. 100, 124, VIII. 73, IX. 155, X. 1; infesting sheep, III. 185, IV. 71, VII. 124; bionomics of, V. 6, 166, IX. 155; natural enemies of, VI. 68, VII. 100, X. 1; repellents for, IV. 71; anatomy of larva of, IX. 64.
- Chrysomyia villeneuvei*, Patton, described as new, X. 74; bionomics of, in India, X. 74, 154.
- Chrysomyza demandata*, F., bred from manure in England, IV. 108.
- chrysonotum*, *Culex*; *Taeniorhynchus (Manson)*.
- chrysophila*, *Corizoneura*.
- Chrysops*, in Tropical Africa, I. 16, III. 33, 116, 138, V. 11, VI. 99; in Brazil, II. 176; in Colombia, III. 70; in India, X. 67; predacious on mosquito larvae in Macedonia, VI. 162; in Philippines, II. 101; in Sudan, I. 126; in Tasmania, V. 66; in U.S.A., II. 78; and filariasis, I. 16, III. 33, V. 11, VI. 83, 99; possibly transmitting trypanosomiasis, I. 126; not transmitting surra, II. 42; bionomics of, III. 116, 195; supposed to carry eggs of *Dermatobia hominis*, III. 194; attacking man, VI. 83; oviposition of, X. 67; notes on larvae of, III. 116, VII. 123; new genus allied to, VII. 123; classification and distribution of Palaearctic species of, IX. 46.
- Chrysops aestuans*, Wulp, in Quebec, III. 155.
- Chrysops austeni*, Neave, described as new from Nyasaland, III. 116.
- Chrysops basalis*, Shiraki, described as new from Formosa, VIII. 119.
- Chrysops beckeri*, Kröber, described as new from Turkestan, IX. 46.
- Chrysops bimaculosa*, Neave, described as new from Nyasaland, III. 116; early stages of, III. 116.

- Chrysops bonariensis*, Brèthes, described as new from Argentina, X. 171.
- Chrysops buxtoni*, Aust., described as new from Palestine, X. 208.
- Chrysops callida*, O.S., in Quebec, III. 155; in U.S.A., VI. 19; oviposition habits of, VI. 19.
- Chrysops carbonaria*, Wlk., in Quebec, III. 155.
- Chrysops celer*, O.S., in Quebec, III. 155.
- Chrysops centurionis*, Aust., in French Equatorial Africa, III. 33; possibly transmitting *Filaria*, III. 33.
- Chrysops coecutiens*, L., in Astrakhan, III. 68; in N. Russia, III. 195, IX. 40; in Sicily, III. 152; attacking man in Switzerland, X. 93; in U.S.A., VI. 169; causing conjunctivitis in cattle, III. 152; a probable carrier of Weil's disease, V. 113.
- Chrysops connexa*, Lw., in Sicily, III. 152.
- Chrysops costata*, F., in Brazil, VI. 90; in Cuba, IX. 212, X. 136, 215; in British Guiana, II. 16, III. 157, V. 4; in Jamaica, II. 20, V. 131; attacking man, V. 4, IX. 212, X. 136, 215; a possible carrier of mal de caderas, III. 157.
- Chrysops cuclux*, Whitney, in Quebec, III. 155.
- Chrysops cursim*, Whitney, distinct from *C. pudica*, III. 25.
- Chrysops dimidiata*, Wulp, in W. Africa, I. 16, III. 53, IX. 119, X. 43, 113, 184; and filariasis, V. 119, IX. 119, X. 43, 184.
- Chrysops discalis*, Will., transmitting tularaemia to man in U.S.A., IX. 188.
- Chrysops dispar*, F., in Hong Kong, III. 132, IV. 65; in Sumatra, VII. 164.
- Chrysops distinctipennis*, Aust., in Belgian Congo, IV. 68; in Gold Coast, V. 45.
- Chrysops excitans*, Wlk., in Quebec, III. 155.
- Chrysops fixissima*, Wlk., attacking man in N. Borneo, III. 129.
- Chrysops flavida*, Wied., in Florida, VII. 20, 63.
- Chrysops frigida*, O.S., in Canada, II. 197, III. 155.
- Chrysops fugax*, O.S., in Quebec, III. 155.
- Chrysops fuliginosa*, Wied., in U.S.A., VIII. 95.
- Chrysops fulvaster*, O.S., in Canada, VI. 179.
- Chrysops fulviceps*, Wlk., in British Guiana, V. 4.
- Chrysops funebris*, Aust., in Belgian Congo, IV. 68.
- Chrysops fuscipennis*, Ric., in N. Rhodesia, I. 171.
- Chrysops hermanni*, Kröber, described as new from the Caspian Sea, IX. 46.
- Chrysops indus*, O.S., in Quebec, III. 155.
- Chrysops (Heterochrysops) interrupta*, Kröber, described as new from Armenia, etc., IX. 46.
- Chrysops laeta*, F., in Brazil, IV. 36.
- Chrysops leucospila*, Wied., in Brazil, VI. 90.
- Chrysops loewi*, Kröber, described as new from Siberia, IX. 43.
- Chrysops longicornis*, Macq., in W. Africa, I. 16, III. 1, IV. 66, V. 45, VI. 225, X. 43; early stages of, in Nyasaland, III. 116; attacking man in Zanzibar, III. 50.
- Chrysops lugens*, Wied., found in nest of *Bembex spinolae* in N. America, V. 74.
- Chrysops lynchi*, Brèthes, described as new from Argentina, X. 171.
- Chrysops magnifica*, Aust. var. *inornata*, Aust., early stages of, in Nyasaland, III. 116.
- Chrysops marmorata*, Rossi, in Sicily, III. 152.
- Chrysops minuta*, Kröber, described as new, IX. 46.
- Chrysops mitis*, O.S., in Quebec, III. 155.
- Chrysops mlokosiewiczzi*, Big. (*striata*, Wulp), in Hong Kong, III. 132, IV. 65.
- Chrysops moerens*, Wlk., in Canada, VI. 179.
- Chrysops molesta*, Wied., in Brazil, IV. 36, VI. 90.
- Chrysops niger*, Macq., in Quebec, III. 155; found in nest of *Bembex spinolae*, V. 74.
- Chrysops nigripes*, Zett., in Lapland, VIII. 74.
- Chrysops noctifer*, O.S., habits of, in British Columbia, II. 197.
- Chrysops obsoleta*, Wied., in Quebec, III. 155.
- Chrysops pallidula*, Aust., described as new from Angola, II. 84.
- Chrysops paraguayensis*, Brèthes,

- described as new from Argentina, X. 171.
- Chrysops parvifascia*, Lutz, bionomics of, in Brazil, VI. 90, 91.
- Chrysops perspicillaris*, O.S., in Sicily, III. 152.
- Chrysops plangens*, Wied., in Florida, VII. 20, 63.
- Chrysops proclivis*, O.S., habits of, in British Columbia, II. 197.
- Chrysops pseudoricardoe*, Kröber, described as new from Turkestan, IX. 46.
- Chrysops pudica*, O.S., found in nest of *Bembex spinolae* in N. America, V. 74; distinct from *C. cursim*, III. 25.
- Chrysops punctifera*, Lw., in Mesopotamia, IX. 14; in Palestine, VIII. 111.
- Chrysops relictæ*, Mg., in Britain, X. 86; trapped by oiling ponds in Russia, III. 196.
- Chrysops sackeni*, Hine, in Quebec, III. 155.
- Chrysops sicca*, Becker, in Anglo-Egyptian Sudan, X. 110.
- Chrysops signifer*, Wlk., in Philippines, VII. 194.
- Chrysops silacea*, Aust., in W. Africa, I. 16, IV. 63, VI. 225, VIII. 217, IX. 119, X. 42, 184; and filariasis, V. 119, VIII. 217, IX. 119, X. 42, 184.
- Chrysops sinensis*, Wlk., Asilids predacious on, in Formosa, VIII. 119.
- Chrysops singularis* (see *Mesomyia*).
- Chrysops stigmatalis*, Lw., in Kamerun, X. 113; in Transvaal, III. 121.
- Chrysops stimulans*, Wlk., in India, V. 38, VI. 63, IX. 79; bionomics of, V. 38, VI. 63; egg parasites of, IX. 79.
- Chrysops striata*, Wulp (see *C. mlokosiewiczii*).
- Chrysops tristis*, F., in British Guiana, II. 16, V. 4, VII. 179; attacking man, V. 4.
- Chrysops ultima*, Whitney, described as new from Florida, III. 25.
- Chrysops vittata*, Wied., in Quebec, III. 155.
- Chrysops vittata* var. *floridana*, Johnson, described as new from Florida, II. 78.
- Chrysops wellmani*, Aust., early stages of, in Nyasaland, III. 116.
- Chrysops woodi*, Neave, described as new, III. 116; in Nyasaland, III. 116, IV. 171.
- chrysorrhoea*, *Phormia* (*Protocalliphora*) (see *P. azurea*, Fall.).
- chrysosoma*, *Taeniorhynchus*.
- chrysosphaerotum*, *Atrichopogon*.
- chrysostigma*, *Orthetrum*.
- chrysoioma*, *Sarcophaga*.
- chrysothorax*, *Culex* (*Neomelanoconion*).
- chrysothrix*, *Ceratopogon* (*Prohelea*).
- Chrysozona* (see *Haematopota*).
- chubbi*, *Taeniorhynchus*.
- Cicindela campestris*, L., predacious on blow-flies in Britain, VI. 80.
- ciliaris*, *Culex*.
- ciliata*, *Psorophora*.
- cilicrura*, *Phorbia* (*Chortophila*).
- cimbicis*, *Boettcheria*.
- Cimex*, transmitting anthrax, II. 137; possible carriers of beriberi, II. 67; relation of, to kala-azar, II. 67, 150, 153, 196, X. 72, 73, 136, 187, 230; possible carriers of leprosy, I. 54, 203, II. 40, 79, 137; possibly transmitting malaria, X. 178; possible carriers of plague, I. 158, II. 128; possible carriers of poliomyelitis, I. 216; possible carriers of recurrent fever, I. 198; transmitting *Trypanosoma cruzi*, IX. 204; and typhoid, I. 197; not carriers of verruga, I. 221; fertilisation in, III. 70; measures against, I. 72, X. 103, 108, 123; utilisation of cockroaches against, X. 168; anatomy of, IX. 103, X. 231.
- Cimex boueti* (see *Leptocimex*).
- Cimex columbarius*, Jenyns, infesting poultry and pigeons, III. 184, VI. 143, 159.
- Cimex foedus*, Stål, II. 85.
- Cimex hemiptera*, F. (*rotundatus*, Sign.), I. 188; in W. Africa, VI. 225, X. 226; in Ecuador, VI. 192; in Br. Guiana, V. 5; in India, IX. 80, X. 72, 73, 138, 197, 231; probably present in Dutch E. Indies, VII. 115; in Mesopotamia, IX. 146; in U.S.A., VI. 210; in Zanzibar, III. 50; flagellates in, I. 220, IX. 162, 208, 209; and leishmaniasis, I. 1, 123, IV. 102, 125, 174, X. 72, 73, 138, 197, 231; not transmitting American forest leishmaniasis, II. 53; possibly transmitting plague, I. 88, 90, V. 150; possibly transmitting recurrent fever, X. 158; transmitting *Trypanosoma cruzi*, I. 123, II. 87; trypanosomes of

- flies unable to survive in, VI. 34; preferred hosts of, VI. 159, X. 125, 226; infesting birds' nests, IX. 80; distribution of, X. 125; chemistry of saliva of, III. 42; synonymy of, II. 85.
- Cimex hiruudinis*, Jenyns, infesting birds in U.S.A., VI. 143, 159, VIII. 69; protozoa found in, IX. 96.
- Cimex horriker*, Kirk. (see *C. hemiptera*).
- Cimex inodorus*, Dugés, infesting poultry, VI. 143, 159.
- Cimex lectularius*, L., VII. 157, 193, VIII. 69, IX. 39, X. 69; in Norway, IV. 180; doubtful occurrence of, in Dutch East Indies, VII. 116; rare in Zanzibar, III. 50; flagellates and other organisms found in, I. 220, VI. 204, IX. 96, 209; filaria probably not developing in, III. 45; relation of, to various forms of leishmaniasis, I. 1, 30, 38, 123, II. 53, 137, III. 28, 125, 126, 202, IV. 63, 124, 174, 175, V. 124; experimental transmission of infectious jaundice by, X. 185; not transmitting leprosy, II. 116; transmitting plague in mice, III. 63; possibly transmitting poliomyelitis, I. 18, VII. 187; possibly transmitting recurrent fever, III. 123, X. 158; possibly transmitting seven-day fever, V. 179; possible carrier of toxoplasmosis, VI. 28; transmitting *Trypanosoma cruzi*, I. 124, 188, II. 87, 126, III. 56, VI. 213; experimental transmission of tularemia by, X. 96; possible relation of, to typhus, V. 31, 124, 162, VII. 133; bionomics of, I. 185, V. 48, VI. 159, 174, VII. 173, VIII. 134, IX. 44, X. 28, 125; infesting fowls, VI. 143; oviposition of, II. 83; effect of insecticides on, I. 61, II. 62, III. 105, 189, IV. 8; effect of temperature on, III. 9, IV. 91, V. 48, 105, VII. 20, 26, 173, VIII. 129, IX. 80; fumigation against, III. 58, 85, IV. 86, 94, 135, 155, V. 75, VII. 182, VIII. 120, IX. 191; other measures against, IV. 190, 191, VI. 210; anatomy of, III. 25, X. 72, 224.
- Cimex macrocephala*, Fieber (see *C. hemiptera*).
- Cimex pilosellus*, Horvath, a specific parasite of bats, X. 125.
- Cimex pipistrelli*, Jenyns, infesting bats, II. 173, VI. 159, IX. 181; transmitting *Trypanosoma vesperilionis*, II. 173.
- Cimex rotundatus*, Sign. (see *C. hemiptera*).
- cinicoides*, *Naucoris*.
- cincta*, *Phaonia*.
- cinctus*, *Anopheles*; *Pseudoculicoides*.
- cinerea*, *Nepa*; *Psychoda*.
- cinerella*, *Phorbia* (*Chortophila*).
- cinerellus*, *Culex* (*Culicomyia*); *Culicoides*.
- cinereoborealis*, *Aedes*.
- cinereoscens*, *Tabanus*.
- cinereum*, *Simulium*.
- cinereus*, *Aedes*; *Anopheles*; *Tabanus*.
- cingalaisina*, *Musca*.
- cingalensis*, *Haematopota*.
- cingulata*, *Psorophora* (*Culex*).
- cingulatus*, *Armigeres* (*Leicesteria*); *Culex* (see *C. coronator*).
- cinnabarina*, *Haemaphysalis*.
- cinnabaris*, *Trombicula*.
- circumdata*, *Chloropisca*.
- circumdatus*, *Tabanus*.
- circumscriptus*, *Culicoides*.
- circumsetosa*, *Aphiochaeta*.
- citrimus*, *Culicoides*.
- citroneus*, *Culicoides*.
- claripennis*, *Pelecorhynchus*.
- claritibialis*, *Tabanus*.
- clarki*, *Gastrophilus* (see *G. nasalis*).
- classicus*, *Aedes stimulans*.
- clavata*, *Pangonia*.
- clavicornis*, *Bothriothorax*.
- claviger*, F. et auct. nec Mg., *Anopheles* (see *A. maculipennis*).
- claviger*, Mg., *Anopheles* (see *A. bifurcatus*).
- clavipalpus*, *Radioculex* (see *Mimomyia chamberlaini*).
- clavipes*, *Simulium*.
- clelandi*, *Aedes* (*Culicada*, *Ochlerotatus*); *Erephopsis*; *Spaniopsis*.
- Cleobonnea argenteorostris*, B.-W. & B., described as new from Dutch Guiana, VIII. 59.
- cleopatrae*, *Xenopsylla*.
- Clerada apicicornis*, Sign., attacking man in Hawaii, V. 138.
- Cletomorpha* (*Cletus*) *lituripennis*, Stål, infested with *Leptomonas*, I. 141.
- Cletus bisbipunctatus*, Stål, infested with *Leptomonas*, I. 141.
- Climacura melanurus* (see *Culex*).
- climax*, *Trichodectes* (see *T. caprae*).
- Clinocoris* (see *Cimex*).

- Clinohelca luteitarsus*, Mg. (subsessilis, Goetgh.), in Britain, IX. 195; synonymy of, X. 141.
- Clinohelca subsessilis*, Goetgh. (see *C. luteitarsus*).
- Clysia ambiguella*, Hb., carrier of the causal organism of diarrhoea in Hungary, X. 3.
- Cnemidocoptes gallinae* (see *C. laevis gallinae*).
- Cnemidocoptes (Sarcoptes) laevis*, Raill., in Australia, VIII. 164; in Belgian Congo, IX. 164; in U.S.A., VI. 143; infesting fowls, VI. 143, VIII. 164, IX. 164.
- Cnemidocoptes laevis gallinae*, Raill., on fowls in U.S.A., III. 155, VI. 14, 143, VIII. 14, 84; measures against, VI. 143, VIII. 14, 84.
- Cnemidocoptes (Sarcoptes) mutans*, Robin, in British Isles, IX. 206; in Belgian Congo, V. 35, IX. 164; in Mauritius, VII. 134; in U.S.A., II. 44, III. 38, 155, VI. 14, 143; causing scaly-leg of fowls, II. 44, III. 38, VI. 14, IX. 206; infesting rodents, X. 201; measures against, VI. 14, 111, 143, VIII. 127, 164.
- Cnephala bucephala*, Mg., in Russia, I. 151.
- Cnethocampa pityocampa*, Schiff., anaphylaxis and immunity in, X. 228.
- coalitum*, *Simulium alcocki*.
- coarctata*, *Trombicula*.
- coassus*, *Linognathus*.
- Cobboldia*, infesting African elephants, III. 144; *C. elephantis* the type of, VIII. 108.
- Cobboldia chrysidiformis* (see *Rodhainomyia*).
- Cobboldia elephantis*, Steel, infesting the Asiatic elephant, III. 100, IV. 40, VII. 116, 117, VIII. 108; egg-laying habits of, in India, X. 195.
- Cobboldia loxodontis*, Brauer, infesting the African elephant, II. 91, III. 100, IV. 40, V. 35, VI. 107, VII. 116, 117, 170, VIII. 108.
- Cobboldia parumspinosa*, Gedoelst, in S. Africa, VII. 116; probably a synonym of *C. loxodontis*, VIII. 108.
- Cobboldia roverei*, Ged. (see *Rodhainomyia chrysidiformis*).
- coccinella*, *Holothyrus*.
- Cochliomyia*, gen. n., proposed for *Chrysomyia macellaria*, IV. 122.
- Cochliomyia (Chrysomyia) macellaria*, F., III. 31; in Central America, III. 130, IV. 105, VI. 148, VIII. 196; in S. America, I. 175, VI. 52, 92, VIII. 3, X. 156; in Canada, III. 155; in U.S.A., III. 35, 47, 160, IV. 1, 96, V. 58, 92, 180, VI. 121, 169, 183, VII. 11, 121, VIII. 186, IX. 50, 110, 158, 182, 194, X. 68, 137, 162, 170; in West Indies, II. 175; causing myiasis in man, I. 175, III. 35, 47, 159, IV. 105, V. 180, VI. 52, VIII. 3; infesting domestic animals, III. 160, IV. 22, VI. 92, 169, X. 156; bionomics of, III. 160, VI. 148, VII. 11, 121; dispersion of, by flight, VII. 121, IX. 194; measures against, VI. 121, 150, IX. 158, 182, X. 162.
- coccitiens*, *Chrysops*.
- Coelalsia glossinophaga*, Turn., described as new, VI. 40; parasite of *Glossina* in Gold Coast, VI. 40, 99.
- Coelodiazesis*, a subgenus of *Anopheles* (q.v.), VII. 23.
- Coenocephalus*, gen. n., II. 93.
- Coenocephalus concolor*, Tayl., breeding-places of, in New South Wales, IV. 182; in Tasmania, III. 37.
- Coenopsylla mira*, Roths., peculiar to the gundi in Tunis, VI. 28.
- Coenosia tigrina*, F., in houses in Britain, IV. 144.
- coenosus*, *Pinotus*.
- Coenotele gregalis*, Sim., nest of, used as a fly trap in Mexico, IV. 9.
- Coepophagus*, in dead bodies, IX. 121.
- coerulea*, *Paratricyclea*; *Phormia* (*Protocalliphora*).
- coeruleocephala*, *Rachionotomyia*; *Uranotaenia*.
- coeruleus*, *Corynetes*.
- coffeatus*, *Tabanus*.
- cofini*, *Psorophora*.
- cogilli*, *Aëdes* (*Finlaya*).
- cognata*, *Melinda*; *Onesia*.
- cohaerens*, *Tabanus*.
- cohaesa-minima*, *Anopheles aconitus* (see *A. minimus aconitus*).
- Coleophora giraudi*, Rag., parasitised by *Spalangia nigra*, II. 24.
- coleopterorum*, *Gamasus*.
- Collembola*, rôle of, in sewage purification, IX. 56.
- colobi*, *Pedicinus paralleiceps*.
- colonicus*, *Copris* (see *Pinotus coenosus*).
- coloradensis*, *Aphodius*; *Calliphora*.
- colossea*, *Titanolabis* (*Anisolabis*).
- Colpocephalum harrisoni*, Bedford,

- described as new from bustard in Angola, VIII. 9.
- Colpocephalum latum*, N., measures against, on pigeons in U.S.A., X. 227.
- columbaczense*, *Simulium*.
- columbae*, *Argas* (*Ixodes*); *Cerato-phyllus*; *Syringophilus*.
- columbarius*, *Cimex* (*Acanthia*).
- columbiae*, *Psorophora*.
- columbiana*, *Palpomyia*.
- columbianus*, *Atrichopogon*; *Culicoides*.
- columbinus*, *Paederus*.
- comans*, *Ischnopsyllus*.
- comastes*, *Tabanus* (see *T. captonis*).
- combreà*, *Chrysomyia*.
- combustus*, *Tabanus*.
- comitans*, *Neotabanus*.
- comitatus*, *Culex* (see *C. pipiens*).
- commevynensis*, *Culex* (*Melanconion*).
- comminator*, *Culex* (*Choeroporpa*).
- communis*, *Aedes* (*Ochlerotatus*); *Psoroptes* (*Dermatodectes*) (see *P. equi*); *Sarcophaga* (*Ravinia*); *Sarcoptes scabiei*.
- compar*, *Gonicotes*.
- compositus*, *Oestrus*.
- compressus*, *Trichoprosopon*.
- Compsomyia macellaria* (see *Cochliomyia*).
- comta*, *Sarcophaga*.
- concinna*, *Haemaphysalis*.
- concinus*, *Aedes* (see *A. sticticus*); *Stephanocircus*.
- concolor*, *Amblyomma*; *Coenocephalus*; *Culex* (see *Lutzia fuscana* and *L. halifaxi*).
- condei*, *Ercinopodites*.
- conducens*, *Musca* (see *M. humilis*).
- conepati*, *Pulex*.
- confinis*, *Tabanus*; *Taeniorhynchus*.
- confinnis*, *Psorophora*.
- confirmatus*, *Aedes* (*Culex*, *Ochlerotatus*) (see *A. scapularis*); *Tabanus*.
- confluens*, *Ornithoica*.
- confluenta*, *Ornithoica* (see *O. confluens*).
- confucianus*, *Liponyssus*.
- confusus*, *Armigeres*; *Culicoides*; *Sabethoides*.
- confusus*, Tayl. nec Wlk., *Tabanus* (see *T. moretonensis*).
- conglomeratus*, *Atrichopogon*.
- congoiensis*, *Tabanus*.
- congolensis*, *Glossina fusca*.
- conica*, *Diapria*.
- coniceps*, *Ornithodorus talaje*.
- Conicera atra*, Mg., IV. 51.
- conjunctus*, *Culicoides*.
- conjungens*, *Armigeres*; *Gyrostigma connali*, *Uranotaenia*.
- connexus*, *Chrysops*.
- conopas*, *Taeniorhynchus* (*Culex*, *Pseudotaeniorhynchus*).
- Conorhinus* (see *Triatoma*).
- Conostigmus*, parasite of flies in Britain, VIII. 22.
- Conostigmus rodhaini*, Beq., described as new from Katanga, I. 93; parasite of *Glossina*, I. 93, III. 142.
- conservator*, *Culex* (*Micrædes*).
- consimilis*, *Culex* (*Culicelsa*) (see *C. annulirostris*).
- consobrina*, auct. nec R.-D., *Theobaldia* (*Aedes*) (see *T. inornata*).
- consobrinus*, *Figites*.
- consocius*, *Tabanus*.
- consolator*, *Culex*.
- consors*, *Paratryclea*.
- conspicua*, *Di cladocera*.
- conspicuus*, *Tabanus*.
- conspurcatum*, *Trinoton*.
- contigua*, *Amphipsylla*.
- convexifrons*, *Musca*.
- convictrix*, *Poecilochroa*.
- convivus*, *Euryophthalmus*.
- cookei*, *Ixodes hexagonus*.
- cooleyi*, *Sarcophaga*.
- copemani*, *Tabanus*.
- coppenamensis*, *Culex*.
- Copris colonicus*, Har. (see *Pinotus coenosus*).
- Copris remotus*, Lec., introduced into Hawaii against *Lyperosia irritans*, X. 83.
- coprophila*, *Sciara*.
- Coptosylla ardua*, J. & R., described as new from *Rhombomys opimus* in Turkestan, IV. 32.
- copulabilis*, *Ctenopsylla*.
- coquilletti*, *Ceratopogon*; *Tabanus*.
- Coquillettidia*, a subgenus of *Taeniorhynchus* (q.v.), VI. 142.
- coracinus*, *Atrichopogon*.
- corax*, *Tabanus*.
- Corcyra cephalonica*, Stn., damaging biscuits, III. 43; measures against, in drugs, X. 85.
- cordatus*, *Culicoides*.
- cordieri*, *Tabanus*.
- cordiformitarsus*, *Culicoides*.
- cordiger*, *Tabanus*.
- Cordulia*, in Russia, I. 195.
- Cordylobia*, infesting rats in N. Rhodesia, VII. 141.
- Cordylobia anthropophaga*, Grünb., in Tropical Africa, I. 91, 171, 187, II. 164, III. 4, 98, 122, 136, 164, IV. 22, 58, 81, 102, V. 47, 139, VI. 225, VII. 30, 122, IX.

- 93**, X. **162**; bionomics of, II. **164**, III. **98**, **164**; man an accidental host of, III. **98**, **225**; distribution of, IV. **138**; measures against, X. **162**; recorded in error as *Choeromyia choerophaga*, III. **199**, IV. **16**.
- Cordylobia rodhaini*, Ged., in Tropical Africa, I. **187**, III. **225**, IV. **138**; causing myiasis in man, I. **187**, III. **225**, IV. **138**; distribution of, IV. **138**.
- corentynensis*, *Culex* (*Choeroporpa*).
- Corethra*, in Germany, II. **168**; respiration of, VI. **182**.
- Corethra velutina*, Ruthe (see *Mochlonyx culiciformis*).
- Corethrella appendiculata*, Grabh., breeding-places of, in Grenada, V. **54**.
- corethroides*, *Anopheles* (see *A. stigmaticus*).
- coriaceus*, *Ornithodoros*.
- corinnae*, *Hypoderma*.
- Corisa*, predacious on Anopheline larvae, IX. **142**.
- Corixa*, in Russia, I. **195**.
- Corizoneura*, in Tasmania, V. **66**; raised to generic rank, VIII. **208**.
- Corizoneura* (*Diatomineura*) *aethiopica*, Thünb., VIII. **208**; in Transvaal, III. **121**.
- Corizoneura chrysophila*, Wlk., in New South Wales, IV. **182**.
- Corizoneura formosa*, Aust., described as new from Cape Colony, VIII. **208**.
- Corizoneura fulva*, Macq., in New South Wales, VII. **12**.
- Corizoneura* (*Diatomineura*) *hastata*, Aust., described as new from Portuguese E. Africa, I. **35**.
- Corizoneura* (*Diatomineura*) *inornata*, Aust., bionomics of, in Belgian Congo, VIII. **24**.
- Corizoneura kurandae*, Tayl., described as new from Australia, VI. **118**; a synonym of *Pseudotabanus queenslandi* (q.v.), X. **109**.
- Corizoneura* (*Diatomineura*) *lineithorax*, Aust., described as new from N. Rhodesia, I. **35**.
- Corizoneura* (*Pangonia*) *longirostris*, Hardwick, blood-sucking habits of, VI. **99**, **131**.
- Corizoneura* (*Diatomineura*) *penetrabilis*, Aust., described as new from N. Rhodesia, I. **35**.
- Corizoneura schwetzi*, Aust., described as new from Belgian Congo, VIII. **208**.
- Corizoneura yezoensis*, Shiraki, described as new from Formosa, VIII. **119**.
- cornicina*, *Cryptolucilia* (*Orthellia*, *Pseudopyrellia*).
- corniger*, *Culex*; *Ixodes*.
- cornigera*, *Haemaphysalis*.
- cornutus*, *Culex*.
- coronator*, *Culex*.
- corporis*, *Pediculus* (see *P. humanus*).
- corpulentus*, *Tabanus*.
- corsoni*, *Culicoides*; *Haematopota*.
- Corticaria nidicola*, Grouv., living in nest of *Coenotele gregalis*, IV. **9**.
- corvi*, *Trombicula*.
- corvina*, *Musca* (see *M. autumnalis*).
- corvina vivipara*, *Musca* (see *M. larvipara*).
- Corynetes coeruleus*, DeG., in dead bodies, IX. **121**.
- Corynetes ruficollis*, Sturm., in dead bodies, IX. **121**.
- corynorhini*, *Penicillidia*.
- Cosmionmma*, gen. n. erected for *Hyalomma hippopotamense*, IX. **44**.
- Cosmionmma hippopotamense*, Denny, IX. **44**.
- Cosmolestes pictus*, Klug, trypanosomes in, in Belgian Congo, I. **141**.
- costalis*, *Anopheles* (*Myzomyia*, *Pyretophorus*); *Tabanus*.
- costaricensis*, *Ornithomyia*.
- costata*, *Chrysops*.
- costatum*, *Simulium*.
- cotricula*, *Taeniorhynchus*.
- Cotocripus*, in Brazil, VI. **90**.
- Cotocripus caridei*, Brèthes, in Argentina, III. **82**.
- Cotocripus pusillus*, Lutz, in Brazil, IV. **36**; in Paraguay, VIII. **26**.
- Cotocripus styliifer*, Lutz, in Brazil, IV. **36**.
- coustani*, *Anopheles*.
- coxaeifurcatus*, *Ixodes* (see *I. lorica-tus*).
- coxata*, *Nycterophilina*.
- craggi*, *Lucilia* (see *L. inducta*); *Musca*.
- Craneopsylla*, erected for American species of *Stephanocircus*, V. **41**.
- crassicornis*, *Haematopota*.
- crassicus*, *Haematopota*; *Palpom-yia*.
- crassipennis*, *Ceroxys*.
- crassipes*, *Lepidoselaga*.
- crassirostris*, *Musca* (*Philaematomyia*).
- crassus*, *Tabanus*.
- crebripunctatus*, *Paederus*.

- Cremastogaster lineolata*, Say, sodium fluoride against, in houses, VI. 40.
- Creophilus erythrocephalus*, F., predacious on blow-flies in Australia, II. 94, III. 185.
- Creophilus maxillosus*, L., predacious on flies in Britain, VIII. 22.
- crepuscularis*, *Culicoides*.
- cretinus*, *Aedes* (*Stegomyia*).
- crinicauda*, *Culex*.
- crinifer*, *Aedes* (*Culex*, *Ochlerotatus*).
- cristata*, *Gedoelestia*.
- cristatus*, *Taeniorhynchus* (*Chrysocnops*).
- crocea*, *Diatomineura*.
- croceus*, *Tabanus biguttatus*.
- crobyli*, *Liponyssus*.
- crossi*, *Hypoderma*; *Ornithodoros*.
- crucians*, *Anopheles*.
- crudelis*, *Haematopota*.
- cruentata*, *Sarcophaga*.
- crustosae*, *Sarcoptes scabiei*.
- cruzi*, *Anopheles* (*Dendropaedium*); *Stenopsylla*.
- Cryptolucilia* (*Pseudopyrellia*), N. American species of, X. 180; transmitting *Habronema* in Queensland, VIII. 187, X. 15.
- Cryptolucilia caesarion*, Mg., characters of, X. 180.
- Cryptolucilia* (*Orthellia*, *Pseudopyrellia*) *cornicina*, F., bionomics of, in Britain, IV. 145; in Canada, III. 155; seasonal prevalence of, in U.S.A., VII. 11; natural enemies of, II. 22, 56, V. 74; characters of, X. 180; synonymy of, V. 41.
- Cryptotylus unicolor*, Wied., in Brazil, IV. 36, VI. 90.
- Ctenocephalus*, on rats in Malta, VI. 43, 190; notice of classification of, VII. 121.
- Ctenocephalus canis*, Curtis (*serraticeps*, Gerv.), in E. Africa, X. 11; in W. Africa, IV. 150, V. 48, VI. 225; in Annam, V. 51; in Australia, VII. 81, 173, 187, VIII. 173; in Brazil, VI. 92, X. 234; in Britain, IV. 166, IX. 202; in Canada, X. 139; in Caucasasia, IV. 151; in Ecuador, VI. 192; in India, IX. 208; in Dutch E. Indies, I. 90; in Mesopotamia, IX. 146; not present in Philippines, III. 103; in Philippines, VII. 194; in Sudan, III. 28; in Tasmania, IX. 105; in Turkey, IX. 7; in U.S.A., IV. 34, VI. 44, 183, 210, IX. 110, X. 84, 124; carrying *Dipylidium caninum*, III. 3, IV. 58, V. 13, VI. 86, VIII. 115; transmitting *Filaria immitis*, VIII. 173, IX. 76; Herpetomonad parasites of, I. 177, II. 54, III. 69, 144, IV. 103, VII. 145, 158, 160, IX. 55, 56, 161; experiments with various forms of leishmaniasis and, I. 4, 130, II. 36, 177, III. 5, 28, IV. 49, 103, IX. 208; and plague, IV. 4; trypanosomes in, I. 123; on cats, V. 65; on dogs, II. 177, IV. 150, V. 48, VI. 44, 183, VII. 173, X. 11, 234; on foxes, IV. 151, IX. 96, X. 139; attacking man, I. 90, VIII. 3; on rats, I. 103, 186, VII. 81, VIII. 76, IX. 202; bionomics of, I. 88, II. 63, X. 84; measures against, IV. 35, IX. 110, X. 122; larva of, II. 131.
- Ctenocephalus erinacei* (see *Archaeopsylla*).
- Ctenocephalus felis*, Bch., in E. Africa, X. 11; in Australia, III. 206, IV. 182, V. 41, VII. 81, 173; in Brazil, VI. 92; in Britain, IV. 166, X. 59; in Egypt, III. 44; in British Guiana, V. 5; in India, V. 39, IX. 211; in Dutch E. Indies, I. 90, VI. 36; in W. Indies, II. 175; in Persia, IV. 151; in Philippines, III. 103; in Turkey, IX. 7; in U.S.A., III. 215, VI. 210, X. 84, 122; experiments with kala-azar and, II. 184; and plague, IV. 4, VII. 155; carrying *Filaria immitis*, IX. 76; infected with *Nosema pulicis*, IV. 125; not transmitting surra, V. 39; on small carnivores, I. 90, II. 175, IV. 151, V. 5, VII. 173, IX. 211, X. 11; on rats, II. 175, IV. 182, VI. 36, VII. 81, VIII. 76; attacking man, VIII. 4; on hedgehogs, III. 44; bionomics of, III. 215, X. 59, 84; derris against, X. 122.
- Ctenocephalus serraticeps*, Gerv. (see *C. canis*).
- Ctenomyophila*, gen. n., IX. 53.
- Ctenomyophila bruchiana*, Heller, described as new from nests of *Ctenomys talarum* in Argentina, IX. 53.
- Ctenophthalmus*, new species of, from Macedonia, VIII. 98.
- Ctenophthalmus agyrtes*, Hell., in England, I. 103, 104, IX. 47; not found at Liverpool, IX. 202; and plague, VIII. 4; hosts of, I. 103, 104, IX. 47.
- Ctenophthalmus apertus*, J. & R., described as new from France, IX. 61; hosts of, IX. 61.

- Ctenophthalmus bisoctodentatus*, Kolen. (see *C. musculi*).
- Ctenophthalmus dux*, J. & R., described as new from Turkestan, IV. 32; hosts of, IV. 32.
- Ctenophthalmus inornatus*, Wagner, described as new from *Promethomys schlaposchnikovi* in Caucasia, IV. 151.
- Ctenophthalmus musculi*, Kolen. (*bisectodentatus*, Kolen.), on rats in England, I. 103; not attacking man in U.S.A., X. 44.
- Ctenophthalmus pentacanthus* (see *Rhadinopsylla*).
- Ctenophthalmus pisticus*, J. & R., described as new from *Eutamias asiaticus* in Siberia, IX. 61.
- Ctenophthalmus savii*, J. & R., described as new from mice in Italy, IX. 61.
- Ctenophthalmus spalacis*, J. & R., on *Spalax microphthalmus* in Caucasia, IV. 151.
- Ctenophthalmus vicarius*, J. & R., described as new from *Talpa europaea* in Rumania, IX. 61.
- Ctenopsylla copulabilis*, Weiss, described as new from Tunis, VI. 28; hosts of, VI. 28.
- Ctenopsylla musculi* (see *Leptopsylla*).
- clites*, *Psorophora*.
- cubensis*, *Anopheles* (see *A. albimanus*); *Culex* (see *C. floridanus*).
- cubicularis*, *Iphis*.
- cubitalis*, *Megninia*.
- cuclux*, *Chrysops*.
- Culex*, African species of, II. 95, X. 153; found at greater elevations than *Anopheles* in the Alps, VII. 16; American species of, VI. 87; distribution of, in Canada, IX. 113, X. 19; notice of key to French species of, X. 30; Oriental species of, X. 197; percentage of, in Panama Canal Zone, VII. 127; and dengue, II. 137, V. 61; guinea-worm ingested by larvae of, VI. 130; and filariasis, VI. 61, VIII. 107; flagellates in salivary glands of, II. 201; human malaria parasite killed by saliva of, IX. 199; transmitting *Plasmodium relictum* to birds, VIII. 39, 40; hibernation of *Proteosoma* in musculature of, IX. 93, 94; not conveying *Spirochaeta icterohaemorrhagiae*, VI. 165; carriage of, by wind, II. 5; respiration of, II. 107, IX. 46, X. 211; pupal characters of, V. 167; breeding in alkaline water, VII. 8; methods of transporting larvae of, IV. 49; eggs of, VIII. 163; natural enemies of, IV. 44; measures against larvae of, VII. 1; resistance to, to desiccation, X. 193; classification of, V. 53, VI. 142, IX. 73, X. 18, 153; *Lutzia* distinct from, X. 153; *Theobaldia* distinct from, V. 19.
- Culex (Culicelsa) abdominalis*, Tayl., described as new, II. 12; a synonym of *C. bitaeniorhynchus*, q.v.
- Culex abominator*, D. & K. (see *C. erraticus*).
- Culex ager*, Giles (see *C. bitaeniorhynchus*).
- Culex ager* var. *ethiopicus*, Edw. (see *C. bitaeniorhynchus*).
- Culex agitator*, D. & K. (see *C. floridanus*).
- Culex (*Melanoconion) aikenii*, D. & K., *C. ocossa* probably identical with, VII. 105.
- Culex alaskaensis* (see *Theobaldia*).
- Culex albigena*, End., described as new from Madagascar, IX. 67; a synonym of *C. ventrillonii* (q.v.), IX. 134.
- Culex albinensis*, B.-W. & B., described as new from Dutch Guiana, VIII. 60.
- Culex albiventris*, Edw., n.n. for *Eumelanomyia inconspicua*, X. 153; breeding-places of, in W. Africa, IV. 112; in Zanzibar, VI. 123; larva of, VI. 38.
- Culex albofasciatus* (see *Aedes*).
- Culex albopunctatus*, Rond. (see *Aedes geniculatus*).
- Culex albovirgatus*, Graham (see *C. duttoni*).
- Culex (*Choeroporpa) alcocki*, B.-W. & B., described as new from Dutch Guiana, VIII. 60.
- Culex (*Choeroporpa) alfaroi*, Dyar, described as new from Costa Rica, IX. 72.
- Culex (*Mochlostyrax) alogistus*, described as new from Surinam, VII. 22.
- Culex andersoni*, Edw., in E. Africa, V. 31.
- Culex (*Choeroporpa) aneles*, D. & Ludl., described as new from Panama Canal Zone, X. 178.
- Culex (*Melanoconion) anips*, Dyar, described as new, IV. 159; breeding-places of, in California, IV. 159, VI. 87.
- Culex annulatus*, Schr. (see *Theobaldia*).

- Culex* (*Culicada*) *annulatus*, Tayl.
(see *C. sitiens*).
- Culex* (*Leucomyia*) *annulatus*, Tayl.
(see *C. vicinus*).
- Culex* (**Lophoceratomyia*) *annulatus*,
Tayl. (see *C. fraudatrix annu-*
latus).
- Culex annulioris*, Theo., in E. Africa,
VIII. 164; in Gold Coast, X. 225;
in Nigeria, IV. 66, 112.
- Culex annulipes* (see *Aedes*).
- Culex* (*Culicelsa*) *annulirostris*, Skuse
(*simplex*, Tayl.), in Australia, I.
11, II. 12, III. 207, IV. 8, 60, 182,
196, VII. 61, 187, VIII. 174, IX.
134; breeding-places of, VIII.
174; described as *C. consimilis*,
sp. n., II. 12; described as *C.*
palpalis, sp. n., I. 11.
- Culex* (*Leucomyia*) *annulirostris*,
Tayl. (see *C. squamosus*).
- Culex* (**Neoculex*) *apicalis*, Adams
(*pyrenaicus*, Brölemann, *saxatilis*,
Grossb., *sergenti*, Theo., *testa-*
ceus, Dyar, *territans*, H., D.
& K. nec Wlk.), *Thelohania*
opacita in, in N. America, X. 82;
in Balkans, VIII. 88; bionomics
of, in Canada, VII. 106; in France,
X. 30; in Pyrenees, VII. 99, 140;
breeding-places of, in U.S.A., IV.
61, 136, 156, 159, 170, VI. 7, 49,
87, VII. 22, X. 93, 108; likely to
occur in Sweden, X. 87; in
Tunisia, X. 68; evolution of
Plasmodium relictum in, VI. 229;
(*testaceus*, Dyar) placed in sub-
genus *Neoculex*, VIII. 101;
synonymy of, VIII. 49, X. 19;
described as *C. pyrenaicus*, sp. n.,
VII. 140 (cf. also references under
C. territans, Wlk. [*restuans*,
Theo.]).
- Culex arabicus*, Beck. (see *Aedes*
caspius).
- Culex argenteopunctatus*, Vent., in
Madagascar, VII. 17; described
as *C. kingi*, sp. n., from Sudan,
II. 45.
- Culex* (**Melanoconion*) *atratus*,
Theo., in Brazil, VI. 90; breeding-
places of, in British Guiana, IX.
2; in French Guiana, VI. 160; in
Trinidad, V. 60.
- Culex atripes* (see *Rachionotomyia*).
- Culex aurantapex*, Edw., in E.
Africa, V. 31, VIII. 164; syn-
onymy of, VIII. 50.
- Culex aurifer* (see *Aedes*).
- Culex auritaenia*, End., described as
new from Madagascar, IX. 67;
considered a synonym of *C.*
quasigelidus (q.v.), IX. 134.
- Culex australis* (see *Aedes*).
- Culex azymus*, D. & K., in Trinidad,
V. 60.
- Culex* (**Transculicia*) *bahamensis*,
D. & K., described as *C. cleuthera*,
sp. n., from Bahamas, VI. 88;
synonymy of, VIII. 101.
- Culex barbarus*, D. & K., in Trinidad,
V. 60.
- Culex* (**Lophoceratomyia*) *barkeri*,
Theo., breeding-places of, in
Malay States, II. 202.
- Culex barraudi*, Edw., described as
new from North-West India, X.
197.
- Culex basicinctus*, Edw., n.n. pro-
posed for *Leucomyia annulata*,
IX. 134 = *C. vicinus*, q.v.
- Culex basilicus*, D. & K., in Trinidad,
V. 60.
- Culex bastagarius*, D. & K., in
Trinidad, V. 60.
- Culex* (**Choeroporpa*) *bibulus*, Dyar,
described as new from Dutch
Guiana, VIII. 102.
- Culex* (*Isosomyia*) *bifoliatus*, Dyar,
described as new from Panama,
X. 132; breeding-places of, X.
132.
- Culex bilineatus*, Theo., characters
distinguishing, from *C. virgultus*,
X. 55.
- Culex biocellatus* (see *Aedes*).
- Culex bitaeniorhynchus*, Giles (*ager*,
Giles, *ager* var. *ethiopicus*, Edw.),
African species allied to, X. 153;
in E. Africa, VIII. 164; in
Belgian Congo, I. 220; breed-
ing-places of, in Gold Coast, VIII.
12; in Hong Kong, III. 141; in
Malay States, II. 202; varieties
of, in Oriental Region, X. 197;
in Queensland, II. 12, IV. 60,
VIII. 174; in Sumatra, IV. 23;
C. aurantapex considered distinct
from, VIII. 50; described as
C. abdominalis, sp. n., II. 12.
- Culex bitaeniorhynchus* var. *tenax*,
Theo. (*Taeniorhynchus tenax*,
Theo.), in Ceylon, II. 70; in
India, V. 39.
- Culex bonariensis*, Brêthes, described
as new, IX. 5; in Argentina, VII.
107, IX. 5; species allied to, X.
136; considered a synonym of
C. dolosa (q.v.), IX. 207.
- Culex bonneae*, D. & K., described
as new, VII. 105; in Dutch
Guiana, VII. 105, IX. 88.
- Culex* (**Carrollia*) *bonnei*, Dyar,

- described as new from Surinam, X. 55.
- Culex brehmei*, Knab, described as new from New Jersey, IV. 175; a synonym of *C. terrilans*, q.v.
- Culex brêthesi*, Dyar, described as new from Argentina, VII. 107.
- Culex* (*Cyathomyia*) *brevipalpis*, Giles, breeding-places of, in India, VI. 64.
- Culex brevispinosus*, B.-W. & B., described as new from Dutch Guiana, VIII. 60.
- Culex* (**Lophoceratomyia*) *cairnensis*, Tayl. (see *C. fraudatrix*).
- Culex calopus*, Mg. (see *Aëdes argenteus*).
- Culex canadensis* (see *Aëdes*).
- Culex cantans*, Mg. (see *Aëdes maculatus*).
- Culex cantator* (see *Aëdes*).
- Culex carmodyae*, D. & K., var. *mollis*, D. & K. (see *C. mollis*).
- Culex cartroni*, Ventr. (see *C. fatigans*).
- Culex castrensis*, Edw., described as new, X. 197; previously recorded as *Aëdes nigrescens*, X. 197.
- Culex caudelli*, D. & K., in Trinidad, V. 60.
- Culex chalcocorystes*, Martini, described as new from Panama, II. 130.
- Culex chidesteri*, Dyar, described as new from Panama, IX. 206.
- Culex* (*Microculex*) *chryselatus*, D. & K., described as new from Dutch Guiana, VII. 105.
- Culex chrysonotum*, D. & K., in U.S.A., VIII. 187.
- Culex* (*Neomelanoconion*) *chrysothorax*, Newst. & Thomas, in Venezuela, X. 62.
- Culex ciliaris*, L. (?=*pipiens*, L.), in Denmark, IX. 82.
- Culex* (**Culiciomyia*) *cinerellus*, Edw., described as new from Africa, X. 153.
- Culex cingulatus*, F. (see *Psorophora*).
- Culex cingulatus*, Theo. (see *C. coronator*).
- Culex comitatus*, D. & K. (see *C. pipiens*).
- Culex* (**Melanoconion*) *commevenensis*, B.-W. & B., breeding-places of, in Dutch Guiana, VIII. 60.
- Culex* (**Choeroporpa*) *comminutor*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex concolor*, R.-D., Oriental records of (see *Lutzia fuscana*); Australian records of (see *L. halifaxi*).
- Culex confirmatus*, Lynch (see *Aëdes scapularis*).
- Culex conopas* (see *Taeniorhynchus*).
- Culex conservator*, D. & K., breeding-places of, in Grenada, V. 54; in Trinidad, V. 60.
- Culex* (*Culicelsa*) *consimilis*, Newst., in E. Africa, VIII. 164; in W. Africa, IV. 45, 66, 112, 150, V. 39, VI. 16, 225, IX. 42; breeding-places of, IV. 112, IX. 42.
- Culex* (*Culicelsa*) *consimilis*, Tayl., (see *C. annulirostris*).
- Culex consolator*, D. & K., in Trinidad, V. 60.
- Culex coppenamensis*, B.-W. & B., described as new from Dutch Guiana, VIII. 60.
- Culex* (**Choeroporpa*) *corentynensis*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex corniger*, Theo., in Brazil, I. 64; in Costa Rica, X. 31; in British Guiana, X. 217; in Trinidad, V. 60; in U.S.A., VI. 87; in Venezuela, X. 183; breeding-places of, I. 64.
- Culex cornutus*, Edw., described as new from Bombay, X. 197.
- Culex coronator*, D. & K. (*cingulatus*, Theo. nec F.), in Brazil, IV. 37; in Costa Rica, X. 31; breeding in tree-holes in Surinam, IX. 88; in Trinidad, V. 60; in U.S.A., IX. 72; in Venezuela, X. 62; anatomy of, X. 96.
- Culex crinicauda*, Edw., n.n. proposed for *C. parvus*, Tayl. nec Macq., IX. 134.
- Culex crinifer* (see *Aëdes*).
- Culex cubensis*, D. & K. (see *C. floridanus*).
- Culex cumminsi* (see *Aëdes*).
- Culex* (**Mochlostyrax*) *curopinensis*, B.-W. & B., described as new from Dutch Guiana, VIII. 60; breeding-places of, VIII. 60.
- Culex* (**Lophoceratomyia*) *curtipalpis*, Edw., described as new from Borneo, III. 10; a synonym of *C. jenseni*, q.v.
- Culex decens*, Theo., African species allied to, X. 153; in S. Africa, VIII. 9; in W. Africa, II. 58, IV. 28, 44, 45, 66, 81, 112, 150, 165, V. 3, 39, 45, VI. 225, VII. 169, VIII. 11, 217, IX. 42, X. 167, 226, 234; in Egypt, VIII. 35;

- breeding-places of, IV. 28, 44, 45, 165, V. 47, VIII. 9, 11, IX. 42; *C. invidiosus* considered a variety of, VIII. 209.
- Culex decens* var. *invidiosus*, Theo., in E. Africa, VIII. 164; in W. Africa, IV. 66, V. 3, 39, 45, VII. 169, VIII. 11; in Belgian Congo, III. 121; in Egypt, III. 10, VIII. 35; in Zanzibar, III. 49; breeding-places of, VIII. 11; experiments with kerosene against larvae of, V. 56, 57; *C. ornatothoracis* not a synonym of, X. 153.
- Culex deceptor*, D. & K. (see *C. floridanus*).
- Culex declarator*, D. & K., in Trinidad, V. 60; in Venezuela, X. 183; characters distinguishing, from *C. virgultus*, X. 55.
- Culex* (*Choeroporpa*) *degustator*, Dyar, described as new from U.S.A., IX. 73.
- Culex derivator*, D. & K., species allied to, in California, IV. 159.
- Culex digitatus* (see *Trichoprosopon*).
- Culex diversus*, Theo. (see *Aedes rusticus*).
- Culex divisor*, D. & K., in Trinidad, V. 60.
- Culex* (*Aedes*, *Heteronychia*) *dolosa*, Lynch (male), in Argentina, VII. 107, IX. 5; synonymy of, X. 207.
- Culex dolosa*, Lynch (female) (see *Aedes lynchi*).
- Culex domesticus*, Germ. (see *C. pipiens*).
- Culex dorsalis*, Mg. (see *Aedes*).
- Culex* (*Melanoconion*) *dunni*, Dyar, described as new from Panama, VII. 22.
- Culex duttoni*, Theo. (*albovirgatus*, Graham), African species allied to, X. 153; in E. Africa, VIII. 164; in W. Africa, IV. 21, 45, 66, 112, 150, 165, V. 3, 39, 45, VI. 225, VII. 169, VIII. 11; in Belgian Congo, I. 220, III. 121; breeding-places of, IV. 45, 165, VIII. 11; *C. watti* related to, VIII. 49.
- Culex dyari* (see *Theobaldia*).
- Culex* (*Choeroporpa*) *dysmathes*, D. & Ludl., described as new from Panama, IX. 73.
- Culex* (*Choeroporpa*) *eastor*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex* (*Mochlostyrax*) *egberti*, D. & K., in Florida, VI. 87.
- Culex* (*Transculicia*) *eleuthera*, Dyar, described as new from Bahamas, VI. 88; a synonym of *C. bahamensis*, q.v.
- Culex elevator*, D. & K., in Costa Rica, X. 31; species allied to, in Grenada, V. 54.
- Culex* (*Melanoconion*) *ensiformis*, B.-W. & B., described as new from Dutch Guiana, VIII. 60; breeding-places of, VIII. 60.
- Culex* (*Melanoconion*) *erraticus*, D. & K. (*abominator*, D. & K.), in U.S.A., VI. 87; oviposition habits of, I. 198; larvae of, resistant to vegetable powders, VI. 219.
- Culex erythrothorax*, Dyar, breeding-places of, in California, IV. 159, VI. 87.
- Culex escomeli*, Brèthes, described as new from Peru, X. 136.
- Culex extricator*, D. & K., in Costa Rica, X. 31; in Trinidad, V. 60.
- Culex fatigans*, Wied. (*cartroni*, Ventr., *fuscus*, Tayl., *quinquefasciatus*, Say), in E. Africa, VIII. 164, X. 94, 223; in S. Africa, IV. 120, IX. 128; in W. Africa, II. 58, 135, IV. 28, 66, 81, 112, V. 3, 39, VI. 225, IX. 21, 42, X. 114, 167, 226, 234; in Arabia, II. 158, IX. 70; in Argentina, VII. 181; in Australia, II. 12, III. 30, 37, 207, IV. 11, 60, 72, 182, 196, V. 49, 68, 94, VI. 62, 74, 227, VII. 61, 175, 187, X. 163, 233; recorded as *C. quinquevittatus* in error in Australia, I. 11; in Bahamas, III. 2; in Bermuda, I. 99; in Brazil, IV. 37, VI. 91, VIII. 25, IX. 202, X. 158; in Ceylon, II. 70; in China, I. 236, II. 28, III. 141, IV. 39, X. 84; in Cochinchina, II. 155; in Costa Rica, X. 31; in Egypt, III. 10; probably recorded in error from Egypt, VIII. 35; in Fiji, IV. 41, X. 76; in Formosa, VI. 51; not found in northern territories of Gold Coast, VIII. 12; in British Guiana, IX. 135, X. 33, 217; in Dutch Guiana, VII. 6; in French Guiana, VI. 160; in Hawaii, V. 17, VI. 163; in India, I. 79, 143, 144, II. 191, III. 162, V. 39, VI. 196, IX. 86, 124, 162, X. 68, 77, 79, 205; in Dutch E. Indies, IV. 23, IX. 8, X. 94, 95; in Japan, X. 18; not found in Macedonia, X. 142; in Madagascar, IX. 68; in Mauritius, X. 225; in Mesopotamia, VII. 102, VIII. 111; in Mexico, III. 12; in Morocco, IV. 85; in Nicaragua, IX. 108; in Papua, III. 154; in

- Peru, III. 26; in Philippines, VII. 102, 193; in Samoa, II. 51, 82; in Sudan, VII. 111; in Syria, VI. 217; in Tunis, I. 43; in U.S.A., IV. 61, 136, VI. 70, 87, 210, VIII. 58, 116, 158, 186, IX. 72; in Venezuela, X. 62; in West Indies, II. 24, III. 222, IV. 69, 90, V. 53, 60, VII. 108, IX. 150, X. 59; in Zanzibar, III. 49, VI. 123; relation of, to dengue, I. 207, II. 82, III. 196, V. 37, 113, 153, VI. 195, VII. 7, 181, IX. 127, 128, X. 31; and filariasis, I. 232, II. 82, 133, 155, III. 33, V. 95, 147, 153, VI. 123, VII. 61, 102, VIII. 116, IX. 135, X. 31, 84, 94, 95, 179, 205, 225; experiments with various forms of leishmaniasis and, I. 1, 3, IV. 103, VII. 102; possibly communicating leprosy, I. 36; and malaria of birds, I. 43, IX. 86, 162; possible relation of, to seven day fever, IX. 70; and three day fever, VI. 217; bio-nomics of, IX. 162, X. 77; incubation of eggs of, VIII. 165; swarming of, IX. 72; effect of chemicals on development of, X. 78; not reacting to warmth, VI. 19; biting habits of, VII. 63; breeding-places of, III. 26, IV. 37, 69, V. 47, 53, VI. 70, 87, IX. 42, X. 33, 59, 223, 233; natural enemies of, II. 204, VI. 37, IX. 202, X. 18, 234; measures against larvae of, II. 142, V. 55-57; traps for, VIII. 158; anatomy of, IV. 74, VI. 208; species allied to, X. 136; *C. hensemaeon* an aberration of, X. 198.
- Culex fatigans* var. *nigrirostris*, End., described as new from Madagascar, IX. 67.
- Culex* (*Culicada*, *Ochlerotatus*) *fergusoni*, Tayl., described as new, III. 30; in New South Wales, III. 30, 207, IV. 182.
- Culex* (**Neoculex*) *fidelis*, Dyar, described as new from Philippines, IX. 51.
- Culex flavifrons* (see *Aedes*).
- Culex flavipes*, Macq. (see *C. pipiens*).
- Culex flavirostris*, Mg. (see *Theobaldia morsitans*).
- Culex flavus* (see *Taeniorhynchus*).
- Culex* (**Mochlostyrax*) *floridanus*, D. & K., in Cuba, VI. 87; in U.S.A., VI. 87, VII. 22; breeding-places of, VI. 87, VII. 22.
- Culex* (**Culiciomyia*) *fragilis*, Ludl. (*fuscus*, Theo.), X. 153.
- Culex* (**Lophoceratomyia*) *fraudatrix*, Theo. (*cairnscensis*, Tayl.), in Queensland, VII. 139.
- Culex* (**Lophoceratomyia*) *fraudatrix* var. *annulatus*, Tayl., described as new from Australia, V. 67.
- Culex* (**Culiciomyia*) *freetownensis*, Theo., breeding-places of, in Sierra Leone, IV. 150.
- Culex frenchi*, Theo. (see *Theobaldia*).
- Culex* (**Lophoceratomyia*) *fulleri*, Ludl., not a synonym of *C. rubithoracis*, X. 198.
- Culex fuscocephalus*, Theo., in Hong Kong, III. 141.
- Culex* (*Culicelsa*) *fuscus*, Tayl. (see *C. fatigans*).
- Culex* (*Protomelanoconion*) *fuscus*, Theo. (see *C. horridus*).
- Culex* (*Trichorhynchus*) *fuscus*, Theo. (see *C. fragilis*).
- Culex* (*Leucomyia*, *Theobaldiomyia*) *gelidus*, Theo., in Ceylon, II. 70; in India, I. 79, 162, IV. 91, V. 39, IX. 124; in Philippines, VII. 193; attacking cattle, IV. 91; *Desvoidya obturbans* predacious on, IX. 124.
- Culex gelidus* var. *bipunctatus*, Theo., in Cochin-China, II. 155.
- Culex giganteus*, Ventr., in Madagascar, IX. 68.
- Culex grahami*, Theo., in W. Africa, IV. 66, V. 3, 39, VI. 225.
- Culex guiarti*, Blanch., in S. Africa, I. 140; in W. Africa, I. 220, IV. 66, V. 3, VI. 39; in Zanzibar, III. 49; breeding-places of, VI. 39.
- Culex halifaxi* (see *Lutzia*).
- Culex hensemaeon*, Dyar, described as new from Philippines, IX. 51; an aberration of *C. fatigans* (*q.v.*), X. 198.
- Culex* (**Lophoceratomyia*) *hilli*, Edw., described as new from Australia, X. 153; *Neomacleaya australis*, Tayl. nec Erichs., a synonym of, IV. 11.
- Culex* (**Choeroporpa*) *holoneus*, Dyar, described as new from Costa Rica, IX. 72.
- Culex* (**Melanoconion*) *homoeopas*, D. & Ludl., described as new from New Orleans, possibly imported from Nicaragua, IX. 73.
- Culex horridus*, Edw. (*Cyathomyia* (*Protomelanoconion*) *fusca*, Theo.), in W. Africa, IV. 21, V. 3, VI. 38, X. 226; breeding-places of, VI. 38; synonymy of, X. 153.

- Culex hortensis*, Edw. (see *C. apicalis*).
- Culex hortensis*, Fic. (*territans*, auct. nec Wlk.), in Albania, VII. 138; in Balkans, VI. 163, 201, VIII. 88, 90, IX. 20, 90, 92; in Canary Islands, X. 31; in France, VII. 99, X. 30; in Germany, II. 78, VII. 69, VIII. 27, 121, IX. 29, 30, X. 128; in Italy, VII. 156; not recorded from Mecklenberg, VIII. 214; in Palestine, IX. 99; in Switzerland, X. 7; bionomics of, VIII. 27, IX. 30, 91; trematode in larva of, X. 128; breeding-places of, IX. 99; placed in subgenus *Neoculex*, VIII. 101; distinct from *C. apicalis*, VIII. 49.†
- Culex* (**Melanoconion*) *humilis*, Theo., in Brazil, VI. 90.
- Culex* (**Choeroporpa*) *idottus*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex imitator*, Theo., in Trinidad, V. 60.
- Culex impellens*, Wlk., in India, I. 79, II. 191, IX. 124; not experimentally transmitting malaria, VI. 195; bionomics of, IX. 124.
- Culex* (*Aedes*, *Micraedes*) *inconspicuus*, Theo., X. 153; in W. Africa, V. 3, VI. 225, IX. 42; breeding-places of, IX. 42.
- Culex incriminator*, D. & K. (see *C. peccator*).
- Culex* (**Choeroporpa*) *indecorabilis*, Theo., male of, in Brazil, X. 55.
- Culex inlegans*, Dyar, described as new from Philippines, IX. 51.
- Culex* (**Lophoceratomyia*) *infantulus*, Edw., described as new from Hong Kong, X. 197.
- Culex* (**Carrollia*) *infoliatulus*, B.-W. & B., described as new from Dutch Guiana, VIII. 60; breeding-places of, VIII. 60.
- Culex inflictus*, Theo., breeding-places of, in Grenada, V. 53.
- Culex ingrami*, Edw., described as new from Ashanti, IV. 64; breeding-places of, IV. 112.
- Culex inimitabilis*, D. & K., in Trinidad, V. 60.
- Culex inquisitor*, D. & K., in Trinidad, V. 60.
- Culex insatiabilis*, Big. (?=*C. fatigans*), in Madagascar, IX. 68.
- Culex insignis*, Cart., in W. Africa, IV. 66, 112, 150, V. 3, 39, VI. 225, IX. 42; breeding-places of, IV. 112, IX. 42.
- Culex* (**Choeroporpa*) *intrincatus*, Brèthes, described as new from Argentina, IX. 5.
- Culex invidiosus* (see *C. decens* var. *invidiosus*).
- Culex* (**Carrollia*) *iridescent*, Lutz, VIII. 60; *C. bonnei* recorded as, in Surinam, X. 55; bred from bamboos in Brazil, VIII. 26.
- Culex jenningsi*, D. & K., in Costa Rica, X. 76.
- Culex* (**Lophoceratomyia*) *jenseni*, de Meij., described as *L. curtis-palpis* from Borneo, III. 10, IX. 134.
- Culex jepsoni*, Bahr et auct. (see *C. annulirostris*, Skuse).
- Culex jepsoni*, Theo. (female) (see *C. sitiens*).
- Culex* (**Choeroporpa*) *jonistes*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex jubulator*, D. & K., in Costa Rica, X. 31.
- Culex jugorum*, Vill., described as new, VII. 99; a variety of *Aedes pullatus*, q.v.
- Culex khazani*, Edw., described as new from S.W. India, X. 197; breeding in tree-holes, X. 197.
- Culex* (*Heptaphlebomyia*) *kingi*, Theo., described as new from Sudan, II. 45; a synonym of *C. argenteopunctatus*, q.v.
- Culex kingianus*, Edw., described as new from Africa, X. 153.
- Culex lateralis*, Mg. (see *Aedes geniculatus*).
- Culex laticinctus*, Edw., described as new, II. 100; in Canary Islands, X. 31; in France, IX. 38, X. 30; in Palestine, II. 100, IX. 99; and three-day fever in the Island of Rouad, VI. 217; in Tunisia, X. 68; bionomics of, IX. 99.
- Culex latisquama*, Coq., in Costa Rica, X. 31.
- Culex laurenti*, Newst., in E. Africa, VIII. 164; in Madagascar, IX. 68.
- Culex linealis* (see *Taeniorhynchus*).
- Culex ludlowi*, Blanch. (see *Aedes vigilax*).
- Culex lynchi*, Brèthes (see *Aedes*).
- Culex maculiventris*, Macq. (see *Aedes dorsalis*).
- Culex* (**Micraedes*) *malayi*, Leic., in Hong Kong, III. 141; recorded as *Aedes nigrescens*, X. 197.
- Culex mariae* (see *Aedes*).
- Culex* (**Choeroporpa*) *marionensis*, B.-W. & B., described as new from Dutch Guiana, VIII. 60.

† Most European references under *C. territans* are *C. apicalis*, Adams.

- Culex mastigia*, H., D. & K. (see *C. floridanus*).
- Culex mathisi*, Nev. Lem., in French Guiana, VI. 160.
- Culex* (**Choeroporpa*) *maxinocca*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex* (**Climacura*) *melanurus*, Coq., in U.S.A., I. 98, VI. 88; breeding-places of, VI. 88; hibernation of, I. 98.
- Culex* (**Helcoporpa*) *menytes*, Dyar, described as new from Panama, VII. 22.
- Culex* (**Choeroporpa*) *merodaemon*, Dyar, described as new from Costa Rica, IX. 88.
- Culex* (**Carrollia*) *metempsyta*, Dyar, described as new from Costa Rica, X. 55.
- Culex microannulatus*, Theo. (see *C. sitiens*).
- Culex mimeticus*, Noé, in Borneo, III. 11; not recorded from Egypt, IX. 99; in Formosa, VI. 21; in Hong Kong, III. 141; in India, I. 143, II. 193, VIII. 31, 43; in Macedonia, VI. 163, 201, VIII. 90, IX. 20, 91, 92; varieties of, in Oriental Region, X. 197; in Palestine, IX. 99; breeding-places of, VI. 163, IX. 91, 99; anatomy of larva of, VI. 208.
- Culex mimulus*, Edw., described as new from Borneo, III. 115; described as *C. mossmani*, sp. n., from Queensland, IV. 11.
- Culex* (**Lophoceratomyia*) *minutissimus*, Theo. (*Culiciomyia nigerima*, Theo.), in Ceylon, II. 70; in Hong Kong, III. 141; *C. infantulus* previously recorded as variety of, X. 198.
- Culex mirificus*, Edw., in E. Africa, V. 31.
- Culex* (**Barraudius*) *modestus*, Fic., X. 18; in Mesopotamia, VIII. 111; in Palestine, II. 100, IX. 194; placed in subgenus *Neoculex*, VIII. 101.
- Culex mollis*, D. & K. (*carmodyae mollis*), breeding in tree-holes in Surinam, IX. 88; in Trinidad, V. 60.
- Culex morsitans* (see *Theobaldia*).
- Culex mortificator*, D. & K., in Costa Rica, X. 31.
- Culex mossmani*, Tayl., described as new from Queensland, IV. 11; a synonym of *C. mimulus*, q.v.
- Culex* (**Mochlostyrax*) *multispinosus*, B.-W. & B., described as new from Dutch Guiana, VIII. 60; breeding-places of, VIII. 60.
- Culex* (**Culiciomyia*) *nebulosus*, Theo., in E. Africa, VIII. 164; in S. Africa, IV. 120; in W. Africa, III. 121, IV. 21, 45, 49, 66, 112, 151, 161, V. 3, 39, 40, 45, VI. 225, VII. 169, VIII. 11, 217, IX. 42, X. 167, 226; blood parasites found in, V. 40; breeding-places of, VIII. 11, IX. 42.
- Culex neireti*, Ventr., in Madagascar, IX. 68.
- Culex nemorosus*, Mg. (see *Aedes communis*).
- Culex nemorosus dorsovittatus*, Vill. (see *Aedes sticticus*).
- Culex neoapicalis*, Theo. (see *Psorophora confinnis*).
- Culex nickeriensis*, B.-W. & B., in Dutch Guiana, VIII. 60.
- Culex* (*Danielsia*) *nigrescens*, Theo., X. 197.
- Culex nigripalpus*, Theo., in Venezuela, X. 62.
- Culex nigripes*, Zett. (see *Aedes alpinus*).
- Culex nigriritulus*, Theo., in Denmark, IX. 82.
- Culex nilgircus*, Edw., described as new, IV. 64; in India, IV. 64, VIII. 43.
- Culex nocturnus*, Theo. (see *Aedes vexans*).
- Culex nocturnus* var. *niger*, Theo., described as new from New Caledonia, II. 34.
- Culex normanensis*, Tayl., described as new from Queensland, IV. 11; referred to *Aedes*, q.v.
- Culex* (**Acalloomyia*) *obscurus*, X. 197.
- Culex occidentalis* (see *Aedes*).
- Culex ocellatus*, Theo., in Trinidad, V. 60.
- Culex* (**Melanoconion*) *ocossa*, D. & K., described as new from British Guiana, VII. 105; breeding-places of, VII. 105.
- Culex orientalis*, Edw., described as new from Japan, X. 18; breeding in rice-fields, X. 18.
- Culex originator*, Gordon & Evans, described as new from Brazil, X. 234; breeding in *Carapana uba*, X. 234.
- Culex ornatothoracis*, Theo., in W. Africa, V. 3, 47; not a synonym of *C. decens* var. *invidiosus*, X. 153.
- Culex ornatus*, Mg. (see *Aedes geniculatus*).

- Culex ousqua*, Dyar, male genitalia of, X. 96.
- Culex pacificus*, Edw., described as new from New Hebrides, IV. 64.
- Culex pallidocephalus*, Theo., in Egypt, III. 10; in Natal, IV. 120; possibly synonymous with *C. decens*, VIII. 35.
- Culex* (**Culiciomyia*) *pallidothorax*, Theo., in Hong Kong, III. 141.
- Culex palpalis*, Tayl., described as new from Australia, I. 11; a synonym of *C. annulirostris*, Skuse, q.v.
- Culex paludis*, Tayl., described as new, II. 12; a synonym of *C. sitiens*, q.v.
- Culex palus*, Theo. (*similis*, Theo.), in Grenada, V. 53; in British Guiana, X. 217; in U.S.A., VI. 87, VIII. 187; breeding-places of, V. 53, VI. 87.
- Culex* (*Melanoconion*) *papuensis*, Tayl., described as new, II. 135; in Papua, II. 135, III. 154.
- Culex parvus*, Macq. (see *Aedes vexans*).
- Culex parvus*, Tayl., described as new, I. 11; a synonym of *C. crinicauda*, q.v.
- Culex* (**Choeroporpa*) *pasadaemon*, Dyar, described as new from Costa Rica, IX. 88.
- Culex* (**Melanoconion*) *peccator*, D. & K., in U.S.A., VI. 87, VII. 22; breeding-places of, VII. 22.
- Culex penicillaris*, Rond. (see *Aedes caspius*).
- Culex perexiguus*, Theo., value of fish against, in Palestine, X. 209.
- Culex perfidiosus*, Edw., in Gold Coast, X. 167.
- Culex perfuscus*, Edw., in E. Africa, V. 31; in Gold Coast, X. 167; in Zanzibar, VI. 123.
- Culex* (**Choeroporpa*, *Mochlostyrax*) *peribleptus*, D. & K., in Carolina, VI. 87; larva of, VIII. 59.
- Culex perturbans* (see *Taeniorhynchus*).
- Culex pervigilans*, Berg., in Australia and New Zealand, IX. 75.
- Culex* (**Transculicia*) *petersoni*, Dyar, described as new from Virgin Islands, VIII. 101.
- Culex* (**Choeroporpa*) *phlabistus*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex* (**Choeroporpa*) *phlogistus*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex pilosus*, D. & K., in N. Carolina, IV. 136.
- Culex pipiens*, L. (*comitatus*, D. & K., *domesticus*, Germ., *flavipes*, Macq.), in N. Africa, VII. 99, X. 68, 180; in S. Africa, IV. 120, IX. 128; in W. Africa, IV. 165; in Albania, VII. 138; in Argentina, VII. 107; in Balkans, VI. 163, 201, VII. 29, VIII. 88, 90, IX. 20, 92, X. 142; in British Isles, III. 188, IV. 131, VI. 107, VII. 64, 72, 109, 190, VIII. 177, 193, IX. 5, 118, X. 16, 86, 120, 165; in Canada, III. 155; in Canary Islands, X. 31; in China, X. 84; in Denmark, VII. 170, IX. 82; in Egypt, III. 10, VIII. 35; in Finland, X. 165; in France, VII. 99; VIII. 81, X. 30; in Germany, I. 40, II. 78, 100, VI. 211, 212, VII. 69, VIII. 27, 28, 29, 117, 118, 121, 214, IX. 29, 35, 68, X. 128, 192, 212; in French Guiana, VI. 160; in Hawaii, V. 17, VI. 7; in Holland, X. 19; in Italy, VII. 156, X. 119; in Mesopotamia, VII. 111; in Palestine, II. 100, VIII. 51, IX. 99; in Peru, III. 26; in Russia, III. 68, V. 85; in Sweden, VII. 157, X. 87; in Switzerland, III. 225, V. 42, VI. 172, X. 7, 8, 92; in U.S.A., I. 22, 25, 118, II. 49, 158, III. 52, 96, 128, 213, IV. 7, 95, 159, 170, V. 102, 103, 161, VI. 66, 70, 87, 146, VII. 21, VIII. 30, 194, IX. 24, 26, 106, 186, X. 93, 108, 111, 135, 228; in West Indies, V. 60; not susceptible to *Bacillus* of Loutraz, VI. 79; probably transmitting filariasis, X. 84, 180; flagellates found in, III. 129, IV. 44, V. 85, VIII. 88; development of *Plasmodium relictum* in, VI. 140, 229, IX. 170, X. 98, 236; not experimentally transmitting poliomyelitis, I. 17, V. 186, VI. 171; *Spirochaeta icterohaemorrhagiae* not developing in, IX. 49; not transmitting *Trypanosoma vesperilionis*, II. 173; bionomics of, I. 22, V. 42, VI. 107, 172, 212, VII. 29, 64, 170, VIII. 27, 28, IX. 35, 184, X. 16, 19, 86, 229; effect of temperature on, III. 139, X. 135; effect of various salts on, V. 103, VIII. 117, IX. 29, 184, 185; effect of hydrocyanic acid on, VI. 57; effect of picric acid on larvae of, VII. 135; respiration of, VII. 49; larva of, IX. 99, 186,

- X.* 211; parasites of larva of, *X.* 107, 128, 212; measures against, II. 135, III. 96, IV. 95; repellent for, VIII. 171; breeding-places of, I. 40, 98, III. 26, 30, IV. 131, 159, 165, 170, VI. 70, 87, 163, 201, VII. 21, VIII. 35, IX. 24, 92, X. 8, 93; species allied to, *X.* 136, 153.
- Culex pleuristriatus*, Theo., in Trinidad, V. 60.
- Culex* (**Choeroporpa*, *Mochlostyrax*) *pose*, D. & K., described as new from Texas, VI. 87; in Louisiana, X. 132.
- Culex prasinopleurus*, Martini, described as new from Cuba, II. 130.
- Culex proclamator*, D. & K., in Costa Rica, X. 31.
- Culex pruina*, Theo., in W. Africa, IV. 112, VI. 225; breeding-places of, IV. 112.
- Culex* (**Choeroporpa*) *psatharus*, Dyar, described as new from Panama, IX. 50.
- Culex pulchripalpis*, Rond. (see *Orthopodomyia*).
- Culex pulchripalpis*, Theo. (see *Aedes caspius*).
- Culex pulchriorax*, Edw., described as *Pseudohowardina lineata*, sp. n., from Transvaal, I. 140.
- Culex pullatus jugorum* (see *Aedes*).
- Culex punctatus*, Mg. (see *Aedes caspius*).
- Culex pungens*, R.-D. (see *Aedes rusticus*).
- Culex pusillus*, Macq., in Egypt, VIII. 35; the type species of subgenus *Barraudius*, X. 18.
- Culex pyrenaicus*, Brölemann, described as new from Pyrenees, VII. 140; a synonym of *C. apicalis*, q.v.
- Culex quadrimaculatus*, Macq. (see *Aedes rusticus*).
- Culex quasigelidus*, Theo., in W. Africa, IV. 66, V. 3, 47, VIII. 12, X. 226; in Egypt, III. 10, VIII. 35; in Madagascar, IX. 67; breeding-places of, VIII. 12; synonymy of, I. 140, IX. 134.
- Culex quasimodestus*, Theo. (?=*C. pipiens*, L.), in Egypt, III. 10.
- Culex quinquefasciatus*, Say (see *C. fatigans*).
- Culex reductor*, D. & K., in Bahamas and Jamaica, VI. 88.
- Culex restuans*, Theo. (see *C. terrigans*, Wlk.).
- Culex richiardii*, Fic. (see *Taenio-rhynchus*).
- Culex rima*, Theo., African species allied to, X. 153; in W. Africa, IV. 66, V. 39, VI. 225, IX. 42, X. 167; breeding in crab-holes, IX. 42.
- Culex rossi*, Giles (see *Aedes argenteus*).
- Culex rubithoracis*, Leic., *C. fulleri* not a synonym of, X. 198.
- Culex rubrithorax* (see *Aedes*).
- Culex rusticus* (see *Aedes*).
- Culex sagax* (see *Aedes*).
- Culex salinarius*, Coq., in U.S.A., I. 22, 119, II. 158, III. 52, 128, 212, IV. 7, VI. 87, VII. 21, X. 93; breeding-places of, III. 212, IV. 7, VI. 87, VII. 21, X. 93; effects of salt on larvae of, V. 103; larva of, IV. 156.
- Culex salisburyensis*, Theo., in S. Africa, VIII. 9, IX. 128; in W. Africa, IV. 66, IX. 42; new variety of, in Transvaal, I. 140; breeding-places of, VIII. 9, IX. 42.
- Culex salus*, Theo. (see *C. sitiens*).
- Culex* (*Pseudotaeniorhynchus*) *samoensis*, Theo., described as new from Samoa, II. 51.
- Culex* (**Choeroporpa*) *saramaccensis*, B.-W. & B., described as new from Dutch Guiana, VIII. 60; breeding-places of, VIII. 60.
- Culex saxatilis*, Grossb. (see *C. apicalis*).
- Culex scapularis* (see *Aedes*).
- Culex scholasticus*, Theo., in Trinidad, V. 60.
- Culex* (**Carrollia*) *secundus*, B.-W. & B., described as new from Panama, VIII. 60.
- Culex sergenti*, Theo. (see *C. apicalis*).
- Culex serratus* (see *Aedes*).
- Culex similis*, Theo. (see *C. palus*).
- Culex simplex*, Tayl. (see *C. annulirostris*, Skuse).
- Culex simpsoni*, Theo., distribution of, in Africa, IV. 120; in E. Africa, VIII. 164.
- Culex simulator*, D. & K., in Trinidad, V. 60.
- Culex sinensis*, Theo., in Hong Kong, III. 141.
- Culex sitiens*, Wied. (*annulatus*, Tayl., *jepsoni*, Theo. (female), var. *milni*, Tayl., *microannulatus*, Theo., *paludis*, Tayl.), African species allied to, X. 153; in E. Africa, VIII. 164; in Australia, IV. 11, 60, 73, 183, V. 67, 94, VI. 74, 227; in Ceylon, II. 70,

- 142; in Fiji, IV. 41, X. 76; in Formosa, VI. 21; in Hong Kong, III. 141; in India, I. 79, II. 155, V. 39; in Loyalty Islands, II. 34; in Papua, III. 37, 154; in Philippines, VII. 193; in Somaliland, II. 7; transmitting *Filaria nocturna*, II. 155; probably not a carrier of *Onchocerca gibsoni*, VI. 27; rate of consumption of oxygen by larvae of, III. 70; described as *C. paludis*, Tayl., sp. n., II. 12.
- Culex sollicitans* (see *Aedes*).
- Culex* (**Culicomyia*) *spathifurca*, Edw., described as new from Borneo, III. 115.
- Culex spathipalpis*, Rond. (see *Theobaldia longiareolata*).
- Culex* (**Melanoconion*) *spissipes*, Theo., in Brazil, VI. 90; in Trinidad, V. 60; in U.S.A., VIII. 187.
- Culex squamosus*, Tayl. (*Leucomyia annulirostris*, Tayl.), in Queensland, IV. 60; *Culex taylori* a synonym of, IX. 134.
- Culex sticticus* (see *Aedes*).
- Culex stigmatosoma*, Dyar, breeding-places of, in U.S.A., IV. 159, VI. 87.
- Culex surinamensis*, Dyar, described as new from Surinam, VII. 22.
- Culex taeniorhynchus* (see *Aedes*).
- Culex* (**Eubonnea* subgen. n.) *tapena*, Dyar, described as new from Dutch Guiana, VIII. 33; breeding-places of, VIII. 33.
- Culex tarsalis*, Coq., in U.S.A., IV. 159, V. 125, 161, VI. 7, 49, 65, 66, 87, 146, VIII. 104, 187, IX. 72; bionomics of, VI. 49, 65, 87; control of, VI. 66; seasonal prevalence of, V. 125.
- Culex taylori*, Edw., n. n. proposed for *Leucomyia annulirostris*, IX. 134; a synonym of *C. squamosus*, q.v.
- Culex* (**Choeroporpa*) *tecmaris*, Dyar, described as new from Panama, VII. 22.
- Culex* (**Choeroporpa*) *terbor*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex territans*, of German authors (see *C. hortensis* or *C. apicalis*).
- Culex territans*, H., D. & K. (see *C. apicalis*).
- Culex territans*, Wlk. (*restuans*, Theo.), in Canada, VII. 106; in U.S.A., I. 119, III. 128, 213, IV. 61, 136, 170, V. 161, VI. 65, 66, 87, VIII. 14, X. 82, 93, 130; *Microsporidia* infesting, X. 82; larva of, VIII. 14; length of life of, X. 148; breeding-places of, IV. 61, 136, 170, VI. 65, 87, VII. 106, X. 93, 130; synonymy of, VIII. 101.†
- Culex testaceus*, Dyar (see *C. apicalis*).
- Culex thalassius*, Theo., in E. Africa, IV. 120, VIII. 164; in W. Africa, III. 190, IV. 66, 120, V. 3, 39, 47, VI. 38, 47, 225, IX. 42, X. 167, 226; breeding-places of, III. 190, VI. 38, 47, IX. 42; experiments with kerosene on larvae of, V. 57.
- Culex theileri*, Theo. (see *C. tipuliformis*).
- Culex thriambus*, Dyar, described as new from U.S.A., IX. 72; breeding-places of, IX. 72.
- Culex tigripes* (see *Lutzia*).
- Culex tipuliformis*, Theo. (*theileri*, Theo.), in S. Africa, VIII. 9, IX. 128 (*Anopheles* in error); in Egypt, III. 10, VIII. 35; in Mesopotamia, VIII. 111; in Palestine, IX. 99; new variety of, in Transvaal, I. 140; breeding-places of, VIII. 9, IX. 99; distribution of, IV. 120.
- Culex* (**Choeroporpa*) *tosimus*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex* (**Helcoporpa*) *trifidus*, Dyar, described as new from Costa Rica, IX. 206.
- Culex trifilatus*, Edw., in E. Africa, V. 31.
- Culex tritaeniorhynchus*, Giles, in W. Africa, VI. 16, 39, X. 167, 226; in Hong Kong, III. 141; in Mesopotamia, VIII. 111; in Palestine, IX. 194; in Sumatra, IV. 23; in Zanzibar, VI. 123; breeding-places of, VI. 39.
- Culex univittatus*, Theo., in W. Africa, III. 121, IV. 66, V. 45, VIII. 12; in Natal, IV. 120; in Palestine, IX. 99; in Spain, IV. 120; breeding-places of, VIII. 12.
- Culex* (**Carrollia*, *Melanoconion*) *urichi*, Coq., in Trinidad, V. 60.
- Culex usquatissimus*, Dyar, in Panama, X. 96; male genitalia of, X. 96.
- Culex usquatus*, Dyar, described as new from Surinam, VII. 22; male genitalia of, X. 96.
- Culex* (**Choeroporpa*) *vapulaus*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex* (**Choeroporpa*) *vaxus*, Dyar,

† Some of these possibly refer to *C. apicalis*, Adams.

- described as new from Dutch Guiana, VIII. 102.
- Culex ventrilloni*, Edw., described as new, VIII. 208; in Madagascar, VIII. 208, IX. 68; *C. albigena* a synonym of, IX. 67, 134.
- Culex vexans* (see *Aedes*).
- Culex (Leuconyia) vicinus*, Tayl. (*annulatus*, Tayl.), described as new, V. 67; in Australia, IV. 60, V. 67.
- Culex virgatipes*, Edw., described as new from Hong Kong and Kashmir, III. 10, 141.
- Culex virgultus*, Theo., in Venezuela, X. 62; characters of, X. 55.
- Culex vishnui*, Theo., IX. 134; in Ceylon, II. 70, X. 67; in Hong Kong, III. 141; in India, X. 77; in Sumatra, IV. 23.
- Culex vittiger* (see *Aedes*).
- Culex wahlgreni*, Theo. (see *Aedes geniculatus*).
- Culex watti*, Edw., described as new from Africa, VIII. 48.
- Culex (*Choeroporpa) xivylis*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex (*Choeroporpa) ybarmis*, Dyar, described as new from Dutch Guiana, VIII. 102.
- Culex (*Melanoconion) zeteci*, Dyar, described as new from Panama Canal Zone, VII. 22.
- Culicada* (see *Aedes*).
- Culicada annulata*, Tayl. (see *Culex sitiens*).
- Culicella*, a subgenus of *Theobaldia*, q.v.
- Culicelsa abdominalis* (see *Culex*).
- Culicelsa albirostris* (see *Aedes*).
- Culicelsa alboannulatus* (see *Aedes*).
- Culicelsa annulirostris*, Skuse (see *Culex sitiens*).
- Culicelsa centropunctatus* (see *Aedes*).
- Culicelsa consimilis* (see *Culex*).
- Culicelsa linealis* (see *Taeniorhynchus*).
- Culicelsa paludis* (see *Culex*).
- Culicelsa taeniorhynchus* (see *Aedes*).
- Culicelsa togoi* (see *Aedes*).
- Culicelsa vigilax* (see *Aedes*).
- culicifacies*, *Anopheles* (*Myzomyia*).
- culiciformis*, *Anopheles* (*Coelodiaze-sis*); *Mochlonyx*.
- Culicini, notice of key to Palaearctic genera of, X. 18.
- culicinus*, *Aedes* (*Ecculex*).
- Culiciomyia*, perhaps a distinct subgenus of *Culex* (q.v.), X. 153.
- Culicoides*, in E. Africa, IX. 93; in W. Africa, I. 220, II. 27, IV. 150, IX. 25, 195; in Barbados, III. 223; in Brazil, I. 64; in Egypt, VI. 239; in Florida, II. 78; in India, VI. 64, VII. 46, IX. 79, X. 81, 196; possibly transmitting disease, IX. 145; possibly associated with pellagra, VI. 239; attacking mosquitos, II. 204; infesting birds' nest, IX. 79; blood-sucking habits of, I. 66, VI. 83, X. 209; breeding-places of, I. 64, VI. 64, IX. 25; classification of, VIII. 213; notice of key to, X. 52; compared with *Dasyhelea*, IX. 201.
- Culicoides accraensis*, C., I. & M., described as new from Gold Coast, IX. 26; breeding-places of, IX. 26.
- Culicoides aeratipennis*, Skuse, in Australia, VII. 154.
- Culicoides albicans*, Winn., in Belgium, VIII. 213.
- Culicoides alboguttatus*, Kieff., described as new from Formosa, IX. 191.
- Culicoides albonotatus*, Kieff., described as new from Asia, IX. 106.
- Culicoides albosparsus*, Kieff., described as new from Africa, IX. 106.
- Culicoides amoenus*, Winn. (see *C. chiopterus*).
- Culicoides anophelis*, Edw., described as new from Malaya, X. 208; attacking Anophelines in India and Malaya, X. 208.
- Culicoides arcuatus*, Winn., in Belgium, VIII. 213.
- Culicoides arenarius*, Edw., described as new from British Somaliland, X. 208.
- Culicoides austeni*, C., I. & M., described as new from Gold Coast, IX. 26.
- Culicoides australiensis*, Kieff., described as new from New Guinea, VII. 154.
- Culicoides belgicus*, Kieff., described as new from Belgium, VIII. 213.
- Culicoides biguttatus*, Coq., in Illinois, IV. 55.
- Culicoides bisignatus*, Kieff., described as new from Kamerun, X. 51.
- Culicoides brevitarsis*, Kieff., described as new from Australia, VII. 154.
- Culicoides chiopterus*, Mg. (*amoenus*, Winn.), in Belgium, VIII. 213; synonymy of, X. 141.

- Culicoides cinerellus*, Kieff., described as new from Hungary, VIII. 213.
- Culicoides circumscriptus*, Kieff., described as new from Africa, IX. 106; in Palestine, IX. 194.
- Culicoides citrinus*, Kieff., described as new from Kamerun, X. 51.
- Culicoides citroneus*, C., I. & M., described as new from Gold Coast, IX. 26.
- Culicoides columbianus*, Kieff., described as new from Colombia, VII. 154.
- Culicoides confusus*, C., I. & M., described as new from Gold Coast, IX. 26; breeding-places of, IX. 26.
- Culicoides conjunctus*, Kieff., described as new from Africa, IX. 106.
- Culicoides cordatus*, Kieff., described as new from Courland, IX. 171.
- Culicoides cordiformitarsus*, Carter, described as new from Egypt, IV. 109.
- Culicoides corsoni*, I. & M., described as new from Gold Coast, X. 61.
- Culicoides crepuscularis*, Malloch, described as new from Illinois, III. 163.
- Culicoides debilipalpis*, Lutz, in Brazil, IV. 36, VIII. 26.
- Culicoides decempunctatus*, Skuse, in Australia, VII. 154.
- Culicoides dentatus*, Kieff., described as new from Kamerun, X. 51.
- Culicoides distinctipennis*, Aust., in Gold Coast, IX. 26.
- Culicoides eriodendroni*, C., I. & M., described as new from Gold Coast, IX. 26; breeding-places of, IX. 26.
- Culicoides esmoneti*, Salm, described as new, VI. 175; in Java, VI. 175, IX. 107.
- Culicoides fascipennis*, Staeg., in Belgium, VIII. 212, 213; in France, VI. 113.
- Culicoides (Johannseniella) fulvithorax*, Aust., X. 209; in Gold Coast, IX. 26.
- Culicoides grahami*, Aust., in W. Africa, II. 117, VI. 225, VIII. 12, IX. 26.
- Culicoides griseidorsum*, Kieff., described as new from Africa, IX. 106.
- Culicoides guineensis*, Kieff., described as new from Africa, IX. 106.
- Culicoides guttatus*, Coq., in Brazil, IV. 36, VI. 91.
- Culicoides guttifer*, de Meij., in Seychelles, X. 209; synonymy of, X. 209.
- Culicoides guttipennis*, de Meij., in Australia, VII. 154; in Illinois, III. 163, IV. 55.
- Culicoides guttularis*, Kieff., described as new from Hungary, VIII. 213; in Britain, IX. 195; in Palestine, IX. 194.
- Culicoides haematopotus*, Malloch, described as new from Illinois, III. 163, IV. 55.
- Culicoides heliophilus*, Edw., described as new from Britain, IX. 195.
- Culicoides hieroglyphicus*, Malloch, described as new from Illinois, III. 163.
- Culicoides hirtipes*, Kieff., described as new from Peru, VII. 154.
- Culicoides horticola*, Lutz, in Paraguay, VIII. 26.
- Culicoides impressus*, Kieff., described as new from Africa, IX. 106.
- Culicoides impunctatus*, Goetgh., described as new from Belgium, VIII. 213.
- Culicoides inornatipennis*, C., I. & M., described as new from Gold Coast, IX. 26; breeding-places of, IX. 26.
- Culicoides inornatipennis rutilis*, I. & M., described as new from Gold Coast, X. 61; breeding-places of, X. 61.
- Culicoides insignis*, Lutz, described as new from Brazil, I. 65.
- Culicoides javanicus*, Salm, described as new, VI. 175; in Java, VI. 175, IX. 107.
- Culicoides judicandus*, Bezzi, in Philippines, VII. 194.
- Culicoides kiefferi*, Goetgh., identity of, VIII. 213, X. 141; a synonym of *C. stigma*, q.v.
- Culicoides kiefferi*, Patton, described as new, II. 28; in India, II. 28, VI. 64.
- Culicoides kribiensis*, Kieff., described as new from Kamerun, X. 51.
- Culicoides lacteinervis*, Kieff., described as new from Hungary, VIII. 213.
- Culicoides langeroni*, Kieff., described as new, X. 50; in Tunisia, X. 50, 69.

- Culicoides latipennis*, Kieff., described as new from Hungary, VIII. 213.
- Culicoides leucostictus*, Kieff. (see *C. guttifer*).
- Culicoides lineatus*, Kieff., described as new from New Guinea, VII. 154.
- Culicoides loughnani*, Edw., described as new from Jamaica, X. 208.
- Culicoides loughnani jamaicensis*, Edw., described as new from Jamaica, X. 208.
- Culicoides lugens*, Kieff., described as new from Africa, IX. 106.
- Culicoides maculithorax*, Will., in Brazil, I. 65; in Jamaica, IX. 171, X. 209; possibly a vector of sand-fly fever, IX. 171; *C. oxystoma* probably a synonym of, X. 209.
- Culicoides marmoratus*, Skuse, in Australia, VII. 154.
- Culicoides maruim*, Lutz (*marium* in error), described as new from Brazil, I. 176.
- Culicoides mesopotamiensis*, Patton, described as new from Mesopotamia, IX. 145.
- Culicoides miharai*, Kinoshita, described as new, VI. 224; in Korea, VI. 224, VII. 101; conveying fever, VI. 224; male described, VII. 101.
- Culicoides milnei*, Aust., in Principe, IV. 49.
- Culicoides minusculus*, Skuse, in Australia, VII. 154.
- Culicoides molestus*, Skuse, in Australia, VII. 154.
- Culicoides montivagus*, Kieff., in India, VIII. 20.
- Culicoides multimaculatus*, Tayl., described as new from Australia, VII. 62.
- Culicoides multipunctatus*, Malloch, described as new from Illinois, III. 163.
- Culicoides nadayanus*, Kieff., described as new from Asia, IX. 106.
- Culicoides nanulus*, Kieff., described as new from Hungary, VIII. 213.
- Culicoides neavei*, Aust., species allied to, conveying horse-sickness in Belgian Congo, VI. 161; in Gold Coast, IX. 26.
- Culicoides newsteadi*, Aust., described as new from Palestine, IX. 194.
- Culicoides nigellus*, Skuse, in Australia, VII. 154.
- Culicoides nigeriae*, I. & M., described as new from Nigeria, X. 61.
- Culicoides nigripennis*, C., I. & M., breeding-places of, in Gold Coast, IX. 26.
- Culicoides nilogenus*, Kieff., described as new from Sudan, X. 51.
- Culicoides nilophilus*, Kieff., described as new from Sudan, X. 51.
- Culicoides nubeculosus*, Mg. (*punctaticollis*, Goetgh.), in Belgium, VIII. 213; synonymy of, VIII. 213, X. 141.
- Culicoides obsoletus*, Mg. (*varius*, Goetgh.), in Belgium, VIII. 212, 213; synonymy of, X. 141.
- Culicoides ochrothorax*, Carter, described as new, VII. 81; attacking mosquitos in Gold Coast, VII. 81.
- Culicoides octosignatus*, Kieff., described as new from Belgian Congo, X. 51.
- Culicoides odiatus*, Aust., described as new from Palestine, IX. 194.
- Culicoides odibilis*, Aust., described as new from Palestine, IX. 194.
- Culicoides oxystoma*, Kieff., bionomics of, in India and Malaya, X. 81, 209; probably a synonym of *C. maculithorax*, X. 209.
- Culicoides pachymerus*, Lutz, described as new from Brazil, III. 82.
- Culicoides pallidicornis*, Kieff., described as new from Hungary, VIII. 213.
- Culicoides pallidipennis*, C., I. & M., described as new from Gold Coast, IX. 26.
- Culicoides paraensis*, Goeldi, in Brazil, IV. 36, VI. 91.
- Culicoides peregrinus*, Kieff., breeding-places of, in India, IV. 118.
- Culicoides philippinensis*, Kieff., described as new from Philippines, IX. 191.
- Culicoides phlebotomus*, Will., distribution of, III. 163.
- Culicoides pictipennis*, Winn., in Belgium, VIII. 213; possibly a synonym of *C. guttifer*, X. 209.
- Culicoides praetermissus*, C., I. & M., described as new from Gold Coast, IX. 26.
- Culicoides pulicaris*, L., in Belgium, VIII. 212, 213; in France, VI. 113; in Sweden, VII. 157; in Switzerland, VI. 172; bionomics

- of, VIII. **212, 213**; breeding-places of, VI. **172**.
- Culicoides puntilus*, Winn., in Belgium, VIII. **212, 213**.
- Culicoides punctaticollis*, Goetgh., new name for *C. puncticollis*, Goetgh. nec Becker, VIII. **213**; a synonym of *C. nubeculosus* (q.v.), X. **141**.
- Culicoides puncticollis*, Goetgh. nec Becker, identity of, VIII. **213**, X. **141**; a synonym of *C. nubeculosus*, q.v.
- Culicoides punctithorax*, C., I. & M., described as new from Gold Coast, IX. **26**; breeding-places of, IX. **26**.
- Culicoides pungens*, de Meij., attacking man in Sunda Islands, II. **162**.
- Culicoides puripennis*, Aust., described as new from Palestine, IX. **194**.
- Culicoides quadrisignatus*, Kieff., described as new from Kamerun, X. **51**.
- Culicoides remotus*, Kieff., described as new from Africa, IX. **106**.
- Culicoides reticulatus*, Lutz, described as new from Brazil, I. **64** (*Culex* in error), **176**.
- Culicoides sanctaemarthae*, Kieff., described as new from Colombia, VII. **154**.
- Culicoides sanguisugus*, Coq., in Illinois, III. **163**, IV. **55**.
- Culicoides schultzei*, End., in Gold Coast, IX. **26**, X. **234**; breeding-places of, IX. **26**.
- Culicoides (Diplosella) sergenti*, Kieff., described as new from Algeria, IX. **171**.
- Culicoides signatus*, Kieff., described as new from Sudan, X. **51**.
- Culicoides silvestrii*, Kieff., described as new from Africa, IX. **106**.
- Culicoides similis*, C., I. & M., in Gold Coast, IX. **26**, X. **234**; breeding-places of, IX. **26**.
- Culicoides stellifer*, Coq., attacking man in Illinois, IV. **55**.
- Culicoides stephensi*, Carter, described as new from Egypt, IV. **109**.
- Culicoides stigma*, Mg. (*unimaculatus*, Goetgh.), in Belgium, VIII. **213**; synonymy of, VIII. **213**, X. **141**.
- Culicoides subfascipennis*, Kieff., described as new from Hungary, VIII. **213**.
- Culicoides subnitidus*, Skuse, in Australia, IV. **8**, VII. **154**.
- Culicoides susae*, Kieff., described as new from Italy, VIII. **213**.
- Culicoides sydneyensis*, Skuse, in Australia, VII. **154**.
- Culicoides tentorius*, Aust., described as new from Palestine, IX. **194**.
- Culicoides townsvillensis*, Tayl., described as new from Australia, VII. **62**.
- Culicoides trisignatus*, Kieff., described as new from Kamerun, X. **51**.
- Culicoides undecimpunctatus*, Kieff., described as new from Argentina, VII. **154**.
- Culicoides unimaculatus*, Goetgh., new name for *C. kiefferi*, Goetgh., VIII. **213**; a synonym of *C. stigma* (q.v.), X. **141**.
- Culicoides varipennis*, Coq., in Illinois, III. **163**.
- Culicoides varius*, Goetgh. (see *C. obsoletus*).
- Culicoides varius*, Winn., in Belgium, VIII. **212, 213**.
- Culicoides villosipes*, Kieff., described as new from Paraguay, VII. **154**.
- Culicoides vitreipennis*, Aust., described as new from Palestine, IX. **194**.
- Culicoides xanthoceras*, Kieff., described as new from New Guinea, VII. **154**.
- Culicoides xanthogaster*, Kieff., described as new from Africa, IX. **106**.
- Culiselsa*, suggested to replace *Taeniorhynchus*, IX. **72**.
- Culiseta* (see *Theobaldia*).
- Cummingsia*, gen. n., X. **140**.
- Cummingsia maculata*, Ferris, described as new from *Caenolestes* in Peru, X. **140**.
- Cummingsia peramydis*, Ferris, described as new from *Peromys domesticus* in Brazil, X. **140**.
- cummini*, *Aedes* (*Culex*, *Ochlerotatus*).
- cumpstoni*, *Aedes* (*Culicada*, *Ochlerotatus*) (see *A. queenslandis*).
- cunea*, *Hyphantria*.
- cuniculi*, *Cuterebra*; *Dermatodectes*; *Notoedrus cati*; *Psoroptes*; *Sarcoptes scabiei*; *Spilopsyllus*.
- cuprarius*, *Sargus*.
- cuprealis*, *Aglossa*.
- cupopinensis*, *Culex* (*Mochlostyrax*).
- curriei*, *Aedes* (*Ochlerotatus*) (see *A. dorsalis*).
- cursim*, *Chrysops*.

- cursor*, *Glyciphagus* (see *G. domesticus*).
- curtipalpis*, *Culex* (*Lophoceratomyia*) (see *C. jenseni*).
- curtipes*, *Aedes*.
- curtus*, *Tabanus*.
- curvata*, *Doratomyia*.
- curvinervis*, *Chaetoneurophora*.
- curvipes*, *Diachlorus*.
- cuspis*, *Doratomyia*.
- Cuterebra*, attacking cats in U.S.A., IX. 157; parasitic habits of, V. 18.
- Cuterebra americana*, F., larva of, in U.S.A., VIII. 108, IX. 157.
- Cuterebra analis*, Macq. (see *C. apicalis*).
- Cuterebra apicalis*, Guér., in Brazil, VI. 129.
- Cuterebra cayennensis*, Macq., in Brazil, VI. 129.
- Cuterebra cuniculi*, Clark, in N. America, III. 194, V. 82, VI. 186; bionomics of, III. 194.
- Cuterebra emasculator* (see *Bogeria*).
- Cuterebra ephippium*, Latr., in French Guiana, VI. 129.
- Cuterebra fontinella*, Clark, infesting rabbits in Canada, VI. 166.
- Cuterebra funebris*, Aust., in Trinidad, VI. 129.
- Cuterebra infulata*, Lutz, described as new from Brazil, VI. 129.
- Cuterebra maculosa*, Knab, described as new on rodents in Panama, III. 67.
- Cuterebra megastoma*, Brauer, in S. America, VI. 129.
- Cuterebra nigricans*, Lutz, described as new from Brazil, VI. 129.
- Cuterebra nigrocincta*, Aust., in Brazil, VI. 129.
- Cuterebra noxialis*, Goud. (see *Dermatobia hominis*).
- Cuterebra patagona*, Guér., in Patagonia, VI. 129.
- Cuterebra rufiventris*, Macq., in Brazil, VI. 129.
- Cuterebra sarcophagoides*, Lutz, described as new from Brazil, VI. 129.
- Cuterebra schmalzi*, Lutz, described as new from Brazil, VI. 129.
- Cuterebra tenebrosa*, Coq., hosts of, in U.S.A., VII. 128.
- cyaneus*, *Sabethes*.
- cyaniventris*, *Dermatobia* (see *D. hominis*).
- Cyathomyia*, pupal characters of, V. 167.
- Cyathomyia brevipalpis* (see *Culex*).
- Cyathomyia* (*Protomelanoconion*) *fusca*, Theo. (see *Culex horridus*).
- cyclocerculus*, *Aedes*.
- Cycloleppipteron*, a subgenus of *Anopheles* (q.v.), VII. 23.
- Cyclopodia greeffi*, Karsch, in San Thomé, X. 214; in Zanzibar, III. 48; bionomics of, on bats, III. 48, X. 214; not infected with *Trypanosoma gambiense*, IV. 101.
- Cyclopodia similis*, Speis., on bats in Samoa, V. 29.
- cydister*, *Diatomineura*.
- cygnus*, *Pelopia*.
- cylindrica*, *Nemopoda*.
- cymatophorus*, *Tabanus*.
- cynocephala*, *Thyreophora*.
- Cynomyia*, pre-pupal stage of, II. 89.
- Cynomyia cadaverina*, R.-D., in Canada, III. 155, VII. 196; in U.S.A., IV. 5, V. 92, 145; bionomics of, III. 161; hibernation of, V. 128; measures against, IV. 5; posterior stigmata of larva of, II. 131.
- Cynomyia elongata*, Hough, seasonal prevalence of, in Montana, V. 195.
- Cynomyia* (*Sarcophaga*) *mortuorum*, L., disseminating typhoid and dysentery, I. 117; not likely to be spread by man, IV. 96.
- cynotis*, *Otodectes* (*Chorioptes*); *Sarcophages*.
- cyprianus*, *Tabanus* (see *T. pulchellus*).
- cyprius*, *Aedes* (see *A. lutescens*).
- Cyrtoneura caesia*, Mg., breeding in manure in British Isles, VII. 191.
- Cyrtoneura stabulans* (see *Muscina*).
- cysticola*, *Laminosioptes*.
- Cytodites nudus* (see *Cytoleichus*).
- Cytoleichus* (*Cytodites*) *nudus*, Vizoli, in U.S.A., VI. 14; infesting poultry, IV. 41, VI. 14, VII. 150; believed to convey cancer, VII. 150.
- Cytoleichus penrosei*, Wied., in lungs of *Cynomys ludovicianus*, V. 64.

D.

- Dacus*, methyl eugenol attractive to, VII. 27.
- Dacus oleae*, Mg., III. 170.
- Dacus* (*Chaetodacus*) *zonatus*, Saund., experiments with repellents for, in India, IX. 80.
- daeckei*, *Tabanus*.

- dahlgrüni*, *Simulium*.
dalei, *Tabanus*.
daliensis, *Aedes* (*Stegomyia*).
damicornis, *Dichelacera*; *Goniodes*.
damnosum, *Simulium* (*Eusimulium*).
Danielsia alboannulata, Tayl. (see *Aedes tremula*).
Danielsia minuta, Tayl. (see *Aedes tremula*).
Danielsia nigrescens (see *Culex*).
dardanicus, *Ixodes hexagonus*.
darwinensis, *Tabanus*.
darwini, *Aedes* (*Aëdimorphus*) *australis* (see *A. tremula*); *Pelecorhynchus*.
dasynemus, *Doratopsylla*.
Dasyhelea, bionomics of, in Gold Coast, IX. **25**, **201**; notice of key to, X. **52**.
Dasyhelea boothi, I. & M., described as new from Nigeria, X. **61**.
Dasyhelea diplois, Kieff., in Britain, IX. **195**.
Dasyhelea flava, I. & M., described as new from Gold Coast, IX. **201**; breeding-places of, IX. **201**.
Dasyhelea flaviformis, C., I. & M., described as new from Gold Coast, IX. **201**; breeding-places of, IX. **201**.
Dasyhelea flavipicta, I. & M., described as new, X. **233**; in Gold Coast, X. **233**, **234**.
Dasyhelea fusca, C., I. & M., described as new from Gold Coast, IX. **201**; breeding-places of, IX. **201**.
Dasyhelea fusciformis, C., I. & M., described as new from Gold Coast, IX. **201**; bred from rot-holes in trees, IX. **201**.
Dasyhelea fuscipleuris, C., I. & M., described as new from Gold Coast, IX. **201**.
Dasyhelea fusciscutellata, C., I. & M., described as new from Gold Coast, IX. **201**; breeding-places of, IX. **201**.
Dasyhelea inconspicua, C., I. & M., described as new from Gold Coast, IX. **201**; breeding-places of, IX. **201**.
Dasyhelea luteoscutellata, C., I. & M., described as new from Gold Coast, IX. **201**; breeding-places of, IX. **201**.
Dasyhelea nigeriae, I. & M., described as new from Nigeria, X. **61**.
Dasyhelea nigricans, C., I. & M., described as new from Gold Coast, IX. **201**.
Dasyhelea nigrofusca, C., I. & M., described as new from Gold Coast, IX. **201**; bred from rot-holes in mango trees, IX. **201**.
Dasyhelea nudipennis, Kieff., described as new from Kamerun, X. **51**.
Dasyhelea obscura, Winn., *Helicospiridium parasiticum* infecting, IX. **147**.
Dasyhelea omoxantha, I. & M., described as new from Nigeria, X. **233**.
Dasyhelea pallidialter, C., I. & M., described as new from Gold Coast, IX. **201**; breeding-places of, IX. **201**.
Dasyhelea polita, Edw., described as new from Britain, IX. **195**.
Dasyhelea punctatipennis, Kieff., described as new from Kamerun, X. **51**.
Dasyhelea retorta, I. & M., described as new from Sierra Leone, X. **61**.
Dasyhelea similis, C., I. & M., described as new from Gold Coast, IX. **201**; breeding-places of, IX. **201**.
dasyopoda, *Rogenhoferia*.
dasyuri, *Stephanocircus*.
daveyi, *Haematopota*; *Ixodes*.
debilipalpis, *Culicoides*.
debilis, *Phalangomyia*.
Decamyia, gen. n., VIII. **32**.
decemlineata, *Leptinotarsa*.
decempunctatus, *Culicoides*.
decens, *Culex*.
deceptor, *Culex* (see *C. floridanus*).
decipiens, *Catallagia*; *Ceratopogon*.
declarator, *Culex*.
decoloratus, *Boophilus* (*Margaropus*) *annulatus*.
decora, *Haematopota*.
decorabilis, *Topomyia*.
decorosum, *Aponomma*.
decorus, *Tabanus*.
decrescens, *Ademon*.
decticus, *Aedes* (see *A. impiger*).
decumani, *Myonyssus*.
defixa, *Chrysomyia* (see *C. combrea*).
Degeeriella rotundata, Osb., attaching itself to Hippoboscids, X. **115**.
degustator, *Aedes*; *Culex* (*Choeroporpa*).
Deinocerites, I. **64**; in Florida, II. **78**; percentage of, in Panama Canal Zone, VII. **127**.
Deinocerites cancer, Theo., in Grenada, V. **53**, **54**; in Trinidad, V. **60**; in U.S.A., VI. **88**; breeding-places of, V. **53**, **54**, VI. **88**.

- Deinocerites melanophyllum*, D. & K., in Panama Canal Zone, IX. **108**.
- Deinocerites pseudos*, D. & K., in Panama Canal Zone, IX. **108**.
- Deinocerites troglodytus*, D. & K., in Trinidad, II. **25**, V. **60**.
- dejeani*, *Chrysomyia* (see *C. albiceps*).
- delphinense*, *Simulium vittatum*.
- delta*, *Pangonia*; *Sarcophaga*.
- demandata*, *Chrysomya*.
- demansis*, *Aedes* (*Culicada*) (see *A. queenslandis*).
- Demodex*, possibly transmitted from dog to man in Australia, IX. **186**; and cancer, I. **48**; and mange in dogs, VII. **128**, X. **211**; measures against, X. **211**.
- Demodex arvicola*, Zschokke, var. *apodemi*, Hirst, described as new from *Apodemus sylvaticus*, VI. **235**.
- Demodex bovis*, Stiles, causing contagious dermatosis in Belgian Congo, III. **187**; infesting cattle in U.S.A., VII. **104**, X. **182**.
- Demodex caninus*, Gerv. & Beneden (see *D. canis*).
- Demodex canis*, Leydig (*caninus*, Gerv. & Ben.), III. **5**, VI. **60**; in Australia, X. **56**; in U.S.A., VI. **44**, **183**; infesting dogs, V. **180**, VI. **44**, **183**, X. **56**.
- Demodex canis crinacei*, Hirst, on hedgehogs in Britain, VI. **60**.
- Demodex cati*, Mègn., III. **5**.
- Demodex chiropteralis*, Hirst, described as new from bats, IX. **196**.
- Demodex equi*, Raill., causing mange in horses, V. **180**, VIII. **220**.
- Demodex erinacei*, Hirst, described as new, VI. **60**; a variety of *D. canis*, q.v.
- Demodex folliculorum*, Simon, VI. **81**; transmitting *Dermatophilus congolense* in E. Africa, VIII. **148**; in Australia, IX. **186**; in Germany, IX. **88**; in Nyasaland, III. **119**; and leprosy, II. **40**, VII. **127**, **142**, X. **156**; infesting man, V. **64**, **96**, IX. **186**; causing mange in cattle, III. **119**, V. **96**; causing sheep mange, IX. **88**; infesting dogs, V. **13**; infesting foxes, IX. **93**; pathogenicity of, X. **169**.
- Demodex folliculorum bovis* (see *D. bovis*).
- Demodex folliculorum canis* (see *D. canis*).
- Demodex folliculorum cati* (see *D. cati*).
- Demodex folliculorum equi-somaliensis*, Croveri & Salvestroni, causing mange of horses in Somaliland, VII. **158**.
- Demodex folliculorum suis*, Raill. (see *D. phylloides*).
- Demodex gliricolens*, Hirst, described as new from water rats, IX. **196**.
- Demodex longior*, Hirst, described as new from *Apodemus sylvaticus*, VI. **235**.
- Demodex melesinus*, Hirst, described as new from badger in England, IX. **51**.
- Demodex muscardini*, Hirst, described as new from dormouse, VI. **60**.
- Demodex musculi*, Oudms., infesting mice, V. **180**.
- Demodex nanus*, Hirst, described as new from *Mus rattus*, VI. **235**.
- Demodex phylloides*, Csokor (*folliculorum suis*, Raill.), causing mange in pigs, VI. **170**, VIII. **200**; measures against, in U.S.A., VIII. **200**.
- Demodex ratti*, Hahn., infesting rats, V. **180**.
- Demodex soricinus*, Hirst, described as new from *Sorex vulgaris*, VI. **235**.
- Demodex talpae*, Hirst, described as new from moles, IX. **196**.
- Demoplatus australis*, Ric., in New South Wales, IV. **182**, VII. **12**.
- Demoplatus nigrovittatus*, Ferg. & Hill, described as new from New South Wales, IX. **62**.
- Demoplatus trichocerus*, Macq., in New South Wales, IV. **182**.
- Dendromyia*, VIII. **32**; bred from *Urera subpeltata* in Brazil, VIII. **26**.
- Dendromyia luteoventralis*, Theo., in Trinidad, V. **60**.
- Dendromyia oblita*, Lutz, in Brazil, VI. **91**.
- Dendromyia paraensis*, Theo., in Brazil, VI. **91**.
- Dendromyia personata*, Lutz, in Brazil, VI. **91**.
- Dendromyia roucouyana*, B.-W. & B., described as new from Dutch Guiana, VIII. **59**; breeding-places of, VIII. **59**.
- Dendropaedium*, a subgenus of *Anopheles* (q.v.), VII. **23**.
- dendrophilus*, *Aedes* (*Stegomyia*).
- Dennyus truncatus*, Olfers (*Nitzschia pulicaris*, Nitzsch), period of incubation of eggs of, on fowls, IV. **13**.
- denshami*, *Tabanus*.

- dentatus*, *Aedes* (*Ochlerotatus*); *Culicoides*; *Ixodes*.
- denticornis*, *Monedula*.
- dentipes*, *Hydrotaea*.
- dentulosum*, *Simulium*.
- deplanatus*, *Pteromalus*.
- depressum*, *Hyalomma*.
- derivator*, *Culex*.
- Dermacentor*, conveying Rocky Mountain spotted fever in U.S.A., IV. 76, 77.
- Dermacentor albipictus*, Pack., I. 92; in Canada, I. 161, II. 105, IV. 80, VI. 40, VII. 2, X. 198; in U.S.A., I. 161, VI. 67, VII. 80, X. 199; attacking man, IV. 154; hosts of, I. 161, VI. 40, VII. 80, X. 198, 199; bionomics of, I. 161, VII. 2; measures against, X. 198.
- Dermacentor andersoni*, Stiles (see *D. venustus*).
- Dermacentor atrosignatus*, Neum., malformations in, VIII. 218.
- Dermacentor electus*, Koch, a possible carrier of leishmaniasis in Brazil, III. 147; on man and animals in U.S.A., II. 102, VI. 169.
- Dermacentor hunteri*, Bishopp, distribution and habits of, in U.S.A., I. 161.
- Dermacentor modestus*, Banks, and Rocky Mountain spotted fever in Montana, III. 180.
- Dermacentor nigrolineatus*, Pack., distribution and habits of, in U.S.A., I. 161.
- Dermacentor nitens*, Neum., in Ecuador, VI. 192; in Panama, III. 134; in Venezuela, IX. 13; in U.S.A., I. 160; in West Indies, II. 129, 175; bionomics of, III. 134; on horses and donkeys, II. 175.
- Dermacentor occidentalis* (see *D. reticulatus occidentalis*).
- Dermacentor parumapertus* (see *D. variabilis parumapertus*).
- Dermacentor reticulatus*, F., in N. America, II. 102, III. 4; in Britain, IV. 142; in France, III. 5, VIII. 41, X. 87, 218; in Hungary, IX. 116; in Macedonia, VIII. 152, 194; in Russia, II. 98, 119, V. 98, 99, X. 102; in Tunisia, VIII. 67; transmitting piroplasmosis in dogs and horses, I. 205, II. 98, 104, 119, III. 5, V. 33, 71, VIII. 41, 67, 152, 194, X. 87, 102, 218; on man, II. 102, IV. 142; development of pads on feet of, VIII. 89.
- Dermacentor reticulatus aulicus*, Hirst, described as new from wild boars in France, IV. 86.
- Dermacentor reticulatus niveus*, Neum., coloration of, VIII. 133.
- Dermacentor reticulatus occidentalis*, Marx, in U.S.A., I. 161, VI. 183; infesting dogs, VI. 183.
- Dermacentor rhinocerotis*, DeG., on rhinoceros in S.E. Africa, III. 222.
- Dermacentor variabilis*, Say, in N. America, I. 92, 161, III. 4, 155, IV. 58, 80, VI. 44, 183; in Philippines, VII. 194; infesting dogs, III. 4, IV. 58, VI. 44, 183; infesting foxes, IX. 96; bionomics of, I. 92, IV. 80; coloration of, VIII. 133.
- Dermacentor variabilis parumapertus*, Neum., in U.S.A., I. 161.
- Dermacentor venustus*, Banks (*andersoni*, Stiles), in Balkans, VI. 121; in Canada, I. 50, 204, V. 34, VIII. 166, X. 198; in U.S.A., I. 92, 95, 101, 161, II. 2, 137, 138, III. 60, 61, 62, 95, 180, IV. 58, 154, 176, V. 31, 58, 78-80, VI. 145, 171, 183, VII. 2, 80-84, 123, VIII. 105, IX. 111, X. 27, 107, 123, 124, 199; probably transmitting piroplasmosis, VIII. 166, X. 218; and Rocky Mountain spotted fever, I. 101, 161, II. 137, 138, III. 60, 61, 62, 95, 180, IV. 154, V. 73, 79, 80, VI. 171, VII. 83, 84, VIII. 105, IX. 111, X. 27; and tick paralysis, I. 50, 204, II. 105, III. 6, 103, X. 107, 198, 199; on dogs, IV. 58; bionomics of, I. 95, II. 3, III. 95, V. 80, VI. 145, VII. 83, X. 123; measures against, III. 62, V. 78, 79, VII. 80, 81, 82, VIII. 105, X. 123; coloration of, VIII. 133.
- Dermanyssus*, infesting fowls in Mauritius, VII. 134; in Queensland, VIII. 74; a possible carrier of toxoplasmosis, VI. 208.
- Dermanyssus aegyptius*, Hirst, on rodents in Egypt, I. 229, III. 47.
- Dermanyssus avium*, Dugés (see *D. gallinae*).
- Dermanyssus gallinae*, DeG. (*avium*, Dugés), distribution of, IV. 13; in Australia, VI. 74, VIII. 164; in Britain, IV. 142; in Belgian Congo, V. 35, IX. 164; in Guam, IV. 191, V. 184; in French Guinea, IV. 21; Mexico, IX. 2; in U.S.A., III. 38, 155, V. 58, 173, VI. 14, 65, 142; on man, I. 229; on birds, II. 21, 29, 44,

- III. 158, IV. 21, 142, 191, V. 35, VI. 14, 65, 142, IX. 164, X. 103, 199; on mammals, II. 21, III. 5, 158, VIII. 164, IX. 96; probably replaced in the Tropics by *Liponyssus bursa*, IV. 159; bionomics of, V. 173; measures against, I. 116, V. 58, VI. 74, IX. 2, X. 103, 199.
- Dermanyssus hirundinis*, Hermann, in French Guinea, IV. 21; in U.S.A., VI. 142; on birds, IV. 21, VI. 142.
- Dermanyssus muris*, Hirst, distribution of, III. 47; in Britain, IV. 142; in Ceylon, I. 229, V. 150; in Formosa, III. 228; in India, I. 229; on rats, I. 229, IV. 142, V. 150.
- Dermanyssus sanguineus*, Hirst, described as new from *Mus rattus* in Egypt, III. 47.
- Dermatobia*, eggs of, carried by *Psorophora lutzii*, II. 25.
- Dermatobia cyaniventris*, Macq. (see *D. hominis*).
- Dermatobia (Cuterebra) hominis*, Say (*cyaniventris*, Macq., *noxialis*, Goud.), distribution of, III. 130; in Argentina, VIII. 163; in Brazil, I. 175, III. 4, 194, V. 28, VI. 92, 129, VII. 65, X. 156, 217; in Colombia, V. 176; in Guatemala, II. 93; in Honduras, VII. 109, X. 164; in Panama, IV. 105, VII. 10, 127, X. 24; in U.S.A., IV. 58, X. 45; in Venezuela, X. 217; infesting cattle and horses, V. 28, 176, VI. 130, X. 156, 170; infesting dogs, III. 4, IV. 58, VI. 183; infesting man, I. 175, III. 159, IV. 105, VI. 92, VII. 109, VIII. 163; carriage of eggs of, by mosquitos, I. 106, III. 4, 130, 194, V. 18, IX. 206, X. 217; ticks possibly carrying eggs of, VII. 10, X. 24; bionomics of, III. 130-132, IV. 157, VII. 65, X. 164.
- Dermatobia noxialis*, Goud. (see *D. hominis*).
- Dermatocoptes*, causing mange in horses, VII. 39.
- Dermatodectes communis*, Fürst. (see *Psoroptes equi*).
- Dermatodectes cuniculi*, Delafond, causing mange in rabbits in Italy, IX. 155.
- Dermatoestrus strepsicerontis*, Brauer, infesting antelopes in Africa, VII. 170.
- Dermatophagus auricularis*, Marek (see *Otodectes cynotis*).
- Dermatophilus* (see *Tunga*).
- Dermestes*, infesting meat factories in U.S.A., V. 92.
- Dermestes cadaverinus*, L., infesting hides in Brazil, VI. 92.
- Dermestes frischii*, Kug., in dead bodies, IX. 121.
- Dermestes lardarius*, L., infesting poultry in Germany, VIII. 122; attacking hatching ducks, V. 60; in dead bodies, IX. 121.
- Dermestes undulatus*, Brahm., in dead bodies, IX. 121.
- desertus*, *Tabanus*.
- Desmometopa latipes*, Mg., breeding-places of, in U.S.A., VI. 116.
- destructor*, *Monomorium*.
- Desvoidya obturbans* (see *Armigeres*).
- detectus*, *Iridomyrmex*.
- determinata*, Patt., *Musca* (see *M. domestica* (atypical)).
- determinata*, Wlk., *Musca* (see *M. nebulosa*).
- detritum*, *Hyalomma*.
- detritus*, *Aedes* (*Ochlerotatus*).
- devia*, *Brachycoma*.
- Diachlorus*, in Florida, II. 78.
- Diachlorus bimaculatus*, Wied., in Brazil, IV. 36, VIII. 25; habits of, VIII. 25.
- Diachlorus curvipes*, F., in Brazil, VI. 90; in British Guiana, V. 4, VII. 179; attacking man, V. 4.
- Diachlorus ferrugatus*, F., in Florida, VII. 20, 63.
- Diachlorus flavitaenia*, Lutz, habits of, in Brazil, VIII. 25.
- Diachlorus immaculatus*, Wied., in Brazil, IV. 36.
- Diachlorus maroccanus*, Big. (see *Mesomyia singularis*).
- Diachlorus neivai*, Lutz, in Brazil, VI. 90.
- Diachlorus nigristigma*, Neiva, in Brazil, VI. 90.
- Diachlorus podagricus*, F., attacking man in British Guiana, V. 4.
- Diachlorus scutellatus*, Macq., in British Guiana, V. 4, VII. 179; attacking man, V. 4.
- Diachlorus vitripennis*, Lutz, in Brazil, VI. 90.
- diaeretus*, *Taeniorhynchus* (*Coquillettia*, *Manson*).
- diana*, *Hypoderma*.
- diantaeus*, *Aedes* (*Ochlerotatus*).
- diaperinus*, *Alphitobius*.
- Diapria conica*, F., parasite of *Eristalis tenax* in British Isles, VII. 191.

- **Diatomineura*, a synonym of *Osca*, VIII. 208.
- Diatomineura aethiopica* (see *Corizoneura*).
- Diatomineura auriflua*, Dön., in New South Wales, IV. 182, VII. 12.
- Diatomineura auripleura*, Tayl., described as new from New South Wales, VII. 12.
- Diatomineura bicolorata*, Tayl., described as new from Australia, VI. 238.
- Diatomineura brevirostris*, Macq., in New South Wales, IV. 182.
- Diatomineura crocea*, Tayl., described as new from Australia, VI. 118.
- Diatomineura cydister*, Tayl., described as new from Australia, VI. 238.
- Diatomineura fulgida*, Ferg. & Henry, described as new from New South Wales, VIII. 173.
- Diatomineura hastata* (see *Corizoneura*).
- Diatomineura ianthina*, White, described as new from Tasmania, V. 66.
- Diatomineura inflata*, Ric., in New South Wales, IV. 182.
- Diatomineura inornata* (see *Corizoneura*).
- Diatomineura lineatithorax* (see *Corizoneura*).
- Diatomineura minima*, Ric., in New South Wales, IV. 182.
- Diatomineura montana*, Ric., in New South Wales, VII. 12.
- Diatomineura penetrabilis* (see *Corizoneura*).
- Diatomineura pulchra*, Ric., in New South Wales, VII. 12.
- Diatomineura regis-georgii*, Tayl., described as new from Australia, VI. 238.
- Diatomineura testacea*, Macq., in New South Wales, VII. 12.
- Diatomineura violacea*, Macq., in Queensland, VI. 228.
- Dibrachys*, parasite of household insects, IV. 121.
- Dibrachys cavus*, Wlk., parasite of flies in Britain, VIII. 22.
- Diceromyia*, sub-division of *Aedes* (*Ochlerotatus*), V. 52, 53.
- Dichelacera*, in Brazil, IV. 37.
- Dichelacera anatis*, Hine, described as new from Costa Rica, IX. 158.
- Dichelacera caloptera*, Hine, described as new from Mexico, IX. 158.
- Dichelacera damicornis*, F., attacking man in British Guiana, V. 4.
- Dichelacera januarii*, Neiva & Pinto, in Brazil, VI. 90.
- Dichelacera japonica* (see *Isshikia*).
- Dichelacera leucomelas*, Neiva & Pinto, described as new from Brazil, VI. 90.
- Dichelacera melanoptera*, Hine, described as new from British Guiana, IX. 158.
- Dichelacera melanosoma*, Hine, described as new from Costa Rica, IX. 158.
- Dichelacera ochracea*, Hine, described as new from Br. Guiana, IX. 158.
- Dichelacera plagiata*, Brèthes, described as new from Argentina, X. 171.
- Dichelacera testacea*, Macq., attacking man in British Guiana, V. 4.
- Dichelacera varia*, Wied., in Brazil, VI. 90.
- dichroa*, Pangonia (*Pangonius*).
- Di cladocera conspicua*, Lutz & Neiva, described as new from Brazil, III. 82.
- Di cladocera relictæ*, Neiva & Penna, described as new from Brazil, VI. 90.
- Di cladocera simulans*, Neiva & Penna, described as new from Brazil, VI. 90.
- Dicrania* (see *Stichocera*).
- Dicranomyia* (see *Stichocera*).
- Dicrobezzia nigrithibialis*, I. & M., described as new from Gold Coast, X. 61; breeding-places of, X. 61.
- diemancensis*, *Tabanus*.
- Dieuches humilis*, Reuter, transmitting flagellosis to *Euphorbia*, X. 146.
- differentialis*, *Melanoplus*.
- digitatus*, *Armigeres* (*Leicesteria*); *Trichoprosopon* (*Culex*, *Joblotia*).
- Digonochaeta spinipennis*, Mg., in houses in Britain, IV. 144.
- Dilophus febrilis*, L., breeding in manure in British Isles, VII. 191.
- dimidiata*, *Chrysops*; *Triatoma*.
- dimidiatus*, *Eristalis*.
- diminutus*, *Conorhinus* (see *Triatoma rugulosa*).
- dinelli*, *Simulium*.
- Dineutes*, predacious on Anopheline larvae in U.S.A., IV. 137.
- Dinomyia*, gen. n., VIII. 32.
- Dinomyia proviolans*, Dyar, described as new from Panama, VIII. 32.
- Dinopsyllus ellobius*, Roths., on *Mus rattus* in S. Africa, III. 134.

* As the generic position of some of the species that have been described in this genus has not been determined, they have been left provisionally under this name.

- Dinotrombidium tinctorium*, L., in French Guinea, I. **121**.
- Diplosella*, a new subgenus of *Culicoides* (q.v.), IX. **171**.
- diplosis*, *Dasyhelea*.
- dipterophaga*, *Chalcis*.
- Diranchis*, parasite of flies in Britain, VIII. **22**.
- directa*, *Pangonia* (see *Metoponaplos parva*).
- Dirhinus ehrhorni*, Silv., parasite of *Ceratitis* in Nigeria, VI. **40**.
- Dirhinus giffardi*, Silv., parasite of *Ceratitis* in Nigeria, VI. **40**.
- Dirhinus inflexus*, Waterst., described as new, VI. **40**; parasite of *Glossina* in Gold Coast, VI. **40, 99**.
- Dirhinus sarcophagae*, Frogg., in Australia, VIII. **60, 174**, IX. **156**, X. **1, 56, 134**; parasitising Muscids, VIII. **60, 174**, IX. **156**, X. **1, 56, 134**.
- discalis*, *Chrysops*.
- discisa*, *Bembidula*.
- discolor*, *Psorophora*.
- discors*, *Pangonia*.
- discrepans*, *Haemagogus*.
- discrucians*, *Psorophora* (*Janthinosoma*).
- disjunctus*, *Oestrus*.
- dispar*, *Chrysops*; *Glyciphagus*; *Lucilia* (see *Phormia coerulea*, R.-D.).
- dissimile*, *Amblyomma*.
- dissimilis*, *Goniodes*.
- disticta*, *Forcipomyia* (see *F. bipunctata*).
- distincta*, *Haematopota*; *Pyrellia*.
- distinctipennis*, *Chrysops*; *Culicoides*.
- distinctum*, *Simulium*.
- distinctus*, *Pelecorhynchus*; *Silvius*; *Tabanus*.
- ditaeniatus*, *Tabanus*.
- ditissima*, *Pyrellia*.
- diurna*, *Skusea* (see *Aedes butleri*).
- divaricata*, *Musca* (see *M. domestica* (atypical)).
- divergens*, *Simulium*.
- diversifurcatum*, *Simulium*.
- diversus*, *Culex* (*Culicada*) (see *Aedes rusticus*); *Tabanus*.
- dives*, *Stibasoma*.
- divisor*, *Culex*.
- Dixa*, in France, V. **148**; in Turkestan, I. **196**; breeding-places of, I. **196**, V. **148**.
- Dixippus morosus* (see *Carausius*).
- Dixomyia*, in Australia, II. **93**.
- Dixomyia elegans* (see *Ficalbia*).
- dixonii*, *Tabanus*.
- Docophorus*, not feeding on blood, IX. **43**.
- Docophorus icterodes*, Nitzsch, on ducks and geese in U.S.A., IV. **13**, VI. **14**.
- doddi*, *Mimeteomyia* (see *Aedes tremula*); *Tabanus*.
- Dodecamyia*, gen. n., VIII. **32**; notice of key to, IX. **72**.
- Dodecamyia mus* (see *Wyeomyia*).
- dofleini*, *Rachionotomyia* (*Ficalbia*).
- Dohrniphora abdominalis*, Fall., breeding-places of, IV. **51**.
- dolichocephalus*, *Armigeres* (*Leicestertia*).
- Dolomedes*, predacious on *Glossina palpalis* in Belgian Congo, III. **199**.
- dolosa*, *Culex*; (female) (see *Aedes lynchi*).
- domestica*, *Musca* (*Promusca*); *Phora*; *Ploiaria* (*Emesodema*).
- domesticus*, *Aedes* (*Ochlerotatus*); *Culex* (see *C. pipiens*); *Glyciphagus*; *Gryllus*; *Taeniorhynchus* (see *Culex aurantapex*).
- domicolus*, *Anopheles*.
- donaldsoni*, *Tabanus*.
- Doratopsylla antiquorum*, Roths., in Brazil, IV. **33**.
- Doratopsylla blarinae*, Fox, in U.S.A., IV. **33**.
- Doratopsylla curvata*, Roths., described as new from mice in N. America, IV. **33**.
- Doratopsylla cuspidis*, Roths., described as new from *Sorex araneus* in Hungary, IV. **33**.
- Doratopsylla dasyncnemus*, Roths., distribution of, in Europe, IV. **33**; on rats in England, IX. **47**.
- Doratopsylla intermedia*, Wagn., in Central America, IV. **33**.
- Dorcaloemus*, attacked by Asilids in Nyasaland, III. **116**.
- dorsalis*, Mg., *Aedes* (*Culex*, *Grahamia*, *Ochlerotatus*).
- dorsalis*, auct., *Aedes* (*Ochlerotatus*) (see *A. caspius*).
- dorsiger*, *Neotabanus*.
- dorsofasciata*, *Palpomyia*.
- dorsovittatus*, *Aedes* (*Culex*) (see *A. sticticus*).
- dracaenae*, *Eretmopodites*.
- drapetes*, *Wyeomyia*.
- dromedarii*, *Hyalomma aegyptium*.
- Drosophila*, possibly carrying disease, VIII. **1**, IX. **105**; flagellates found in, VIII. **88**, IX. **208**; parasitised by *Spalangia*, II. **24**; hibernation of, X. **135**; notice of monograph on, X. **124**.
- Drosophila ampelophilila*, Lw. (see *D. melanogaster*).

Drosophila buscki, Coq., habits of, VIII. 1.
Drosophila caribbea, Sturt., habits of, VIII. 1.
Drosophila fenestrarum, Fall., in Britain, II. 19.
Drosophila funebris, F., habits of, II. 134, VI. 81, VIII. 1.
Drosophila melanogaster, Mg. (*ampelophila*, Lw.), in Hungary, X. 2, 3; in U.S.A., III. 62, V. 145, VI. 103; bionomics of, X. 2, 3; habits of, VIII. 1, X. 2; experiments with baits for, IV. 106; laboratory races of, X. 124.
Drosophila oenophila, error for *D. melanogaster* (*ampelophila*), X. 2 (note).
Drosophila repleta, Will., habits of, VIII. 1.
drosophilae, *Spalangia*.
Dryomyza flaveola, F., bionomics of, in Britain, IV. 143.
d'thali, *Anopheles* (see *A. rhodesiensis*).
dubia, *Sciomyza*.
dubiosa, *Paratricylea*.
dubiosus, *Tabanus*.
dubium, *Simulium hirsutum*.
dubius, *Pachycrepoides*.
duboscqui, *Phlebotomus*.
dugesi, *Pulex*.
dumalis, *Amphipsylla*.
dunni, *Culex* (*Melanoconion*).
duodenalis, *Gastrophilus* (see *G. nasalis*).
duplonotatus, *Tabanus*.
dupreei, *Aedes*.
durbanensis, *Aedes* (*Ochlerotatus*).
durhami, *Armigeres*; *Limatus*.
duttoni, *Culex*; *Haematopota*.
duvaucellii, *Chrysomyia* (see *C. megacephala*).
dux, *Chrysomyia* (*Calliphora*, *Lucilia*, *Pycnosoma*) (see *C. megacephala*); *Ctenophthalmus*; *Sarcophaga misera*.
dyari, *Theobaldia* (*Aedes*, *Culex*, *Culicella*).
Dyarina, gen. n., notice of key to, IX. 72.
Dyarina lassalli, B.-W. & B., described as new from Trinidad, IX. 72.
Dyarina tripartita, B.-W. & B., described as new from S. America, IX. 72.
dyridophorum, *Stibasoma*.
dysanor, *Aedes* (*Ochlerotatus*).
dysmathes, *Culex* (*Choeroporpa*).
Dytiscus, predacious on mosquito

larvae, II. 154, V. 104, VI. 68, VIII. 63.
Dytiscus marginalis, L., predacious on *Culex* larvae, V. 43.

E.

eastor, *Culex* (*Choeroporpa*).
eatonii, *Aedes* (*Ochlerotatus*).
eburneum, *Amblyomma*.
ecaudatus, *Choriotptes* (see *Otodectes cynotis*).
Ecculex (see *Aedes*).
Echestypus paradoxus, Newst., on bushbuck and wart-hog in Nyasaland, IV. 171.
echidninus, *Laelaps*.
Echidnophaga (*Nestopsylla*) *gallinacea*, Westw., VII. 155, VIII. 84; distribution of, IV. 4; in E. Africa, III. 148; in S. Africa, III. 134; quarantine against, in W. Australia, X. 235; in Belgian Congo, V. 35, IX. 164; in Egypt, III. 44; in Gold Coast, V. 47; in Hawaii, III. 148, V. 10; in Mauritius, III. 53, 221; in Senegal, X. 52; in Tunis, VI. 28; in U.S.A., VI. 143, 183, IX. 48, X. 122; infesting poultry, III. 53, 221, IV. 13, 35, 81, V. 35, 47, VI. 143, 183, IX. 164; on mammals, III. 44, 134, 148, IV. 58, VI. 28, X. 52; bionomics of, III. 148, 232, V. 10; measures against, I. 80, 116, II. 44, IV. 35, X. 122.
Echidnophaga larina, J. & R., hosts of, in Africa, III. 4.
Echinomyia, suspected of causing myiasis in Brazil, III. 194.
Echinophthirius fluctus, Ferris, described as new from *Eumetopias jubata* in the Pacific, IV. 196.
Echinophthirius horridus, Olfers, on seals in Alaska, VII. 195.
Echinophthirius phocae, Lucas, *E. horridus* confused with, VII. 195.
echinus, *Aedes* (*Finlaya*, *Ochlerotatus*).
echis, *Athyphloceras*.
Echthrogonatopus, comparison of, with *Australencyrtus*, X. 2.
ecinctus, *Rhipicephalus*.
Ecitomyia, infesting meat in India, VI. 63.
Ectenopsis victoriensis, Ferg., described as new from Australia, IX. 169.
Ectenopsis vulpecula, Wied., in New South Wales, IV. 182.

- Ectenopsis vulpecula nigripennis*, Tayl., described as new from Australia, VI. **238**.
- Ectobia germanica* (see *Blattella*).
- Ectomocoris ululans*, Rossi, probably not a carrier of goitre in Algeria, IV. **139**.
- edax*, *Haematopota*; *Haltichella*.
- edentata*, *Psilohalea*.
- edentulus*, *Tabanus*.
- edwardsi*, *Euproctis*.
- egberti*, *Culex* (*Mochlostyrax*).
- eggeri*, *Tabanus*.
- ehrhorni*, *Dirhinus*.
- eichhorni*, *Ixodes*.
- eiseni*, *Anopheles*.
- Elaphromyia*, Tayl., gen. n., VI. **118**;
- Phibalomyia*, n.n. proposed for, X. **109**.
- Elaphropeza*, predacious on midges in Gold Coast, IX. **25**.
- elara*, *Chrysomyia* (see *C. albiceps*).
- elatus*, *Ceratophyllus*.
- electus*, *Dermacentor*.
- elegans*, *Anopheles* (*Myzomyia*) (see *A. leucosphyrus*); *Ficalbia* (*Dixomyia*).
- elegantula*, *Forcipomyia*.
- elektrophaeum*, *Atrichopogon*.
- elephantis*, *Cobboldia*.
- eleuthera*, *Culex* (see *C. bahamensis*).
- elevator*, *Culex*.
- ello*, *Erinnyis*.
- ellobius*, *Dinopsyllus*.
- elongata*, *Cynomyia*; *Trichopria*.
- elongatulus*, *Silvius*.
- elutus*, *Anopheles*.
- emasculator*, *Bogeria* (*Cuterebra*).
- emersoni*, *Phanurus*.
- Emesodema domestica* (see *Ploiaria*).
- emminis*, *Ischnopsyllus*.
- emoda*, *Chrysomyia* (see *C. albiceps*).
- Enderleinellus*, notice of new species of, VIII. **71**.
- Enderleinellus kelloggi*, Ferris, described as new from squirrel in N. America, IV. **177**.
- Enderleinellus uncinatus*, Ferris, described as new from *Glaucomys* in N. America, IV. **177**; transferred to *Microphthirus*, q.v.
- Engyops pecchiolii*, Rond., larva of, attacking molluscs, IX. **149**.
- enormis*, *Hoplopleura*.
- ensifera*, *Myobia*.
- ensiformis*, *Culex* (*Melanoconion*).
- Entedon hagenowi* (see *Tetrastichus*).
- entomophagus*, *Histiogaster*.
- Ephemera*, I. **195**.
- Ephestia kühniella*, Zell., damaging biscuits, III. **43**; measures against, in drugs, X. **85**; flagellates cultivated in juices of, X. **163**.
- ephippium*, *Cuterebra*.
- Epicauta*, use of, in medicine, X. **60**.
- Epicauta sapphirina*, Mæklin, causing blisters on man in Khar-toum, VI. **194**.
- Epicauta tomentosa*, Mæklin, causing blisters on man in Khartoum, VI. **194**.
- Epidermoptes* (see *Rivoltasia*).
- epinohus*, *Aedes*.
- Epischinia canella*, Hb., *Fannia* reared from, I. **68**.
- epistates*, *Tabanus*.
- Epithea*, I. **195**.
- equi*, *Chorioptes* (*Symbiotes*) *bovis*; *Demodex*; *Gastrophilus* (*Gastrus*) (see *G. intestinalis*); *Psoroptes*; *Sarcoptes scabiei*; *Trichodectes* (see *T. parumpilosus*).
- equi-somaliensis*, *Demodex folliculorum*.
- equina*, *Hippobosca*.
- equinum*, *Simulium*.
- equinus*, *Borborus*; *Haemagogus*; *Silvius*.
- Erephopsis*, in Br. Guiana, VII. **129**.
- Erephopsis aureovestita*, Ferg. & Henry, described as new from New South Wales, VIII. **173**.
- Erephopsis clelandi*, Ferg., described as new from Australia, IX. **169**; attacking horses, IX. **169**.
- Erephopsis flavicornis*, Lutz, in Brazil, X. **159**.
- Erephopsis gibbula*, Wlk., in New South Wales, VII. **12**.
- Erephopsis jacksoni*, Macq. (see *Osca maculiventris*).
- Erephopsis lata* (see *Osca*).
- Erephopsis leucopogon*, Wied., in Brazil, VI. **90**.
- Erephopsis neolricolor*, Tayl., described as new from Australia, VI. **238**.
- Erephopsis niveovittata*, Ferg. & Henry, described as new from New South Wales, VIII. **173**; a synonym of *Osca limbithorax*, q.v.
- Erephopsis opaca*, Brèthes, described as new from Argentina, X. **171**.
- Erephopsis picea*, Brèthes, described as new from Argentina, X. **171**.
- Erephopsis pubescens*, Lutz, in Brazil, IV. **36**, VI. **90**.
- Erephopsis pygmaea*, Lutz & Machado, described as new from Brazil, IV. **36**.
- Erephopsis rufoniger*, Ferg., described as new from Australia, IX. **169**.

- Erephopsis scionoides*, Lutz & Machado, described as new from Brazil, IV. **36**.
- Erephopsis subcontigua*, Ferg., described as new from Australia, IX. **169**.
- Erephopsis submetallica*, Brèthes, described as new from Argentina, X. **171**.
- Erephopsis vicina*, Tayl., described as new from Australia, VI. **233**.
- Erephopsis vicina georgia*, Tayl., described as new from Australia, VI. **238**.
- Erephopsis xanthopilis*, Ferg., described as new from Australia, IX. **169**.
- Erephopsis xanthopogon*, Macq., in Brazil, IV. **36**, VI. **90**.
- Eretes sticticalis*, L., predacious on larvae of *Culex* in Russia, V. **84**.
- Eretmopodites chrysogaster*, Grah., in Belgian Congo, II. **117**, III. **121**; in Sierra Leone, IV. **163**; in Zanzibar, III. **49**; breeding-places of, IV. **163**.
- Eretmopodites chrysogaster subsimpli-cipes*, Edw., in Zanzibar, VI. **123**.
- Eretmopodites condei*, Ventr., in Madagascar, IX. **68**.
- Eretmopodites dracaenae*, Edw., described as new, IV. **64**; in Sierra Leone, IV. **64**, **161**, **163**.
- Eretmopodites inornatus*, Newst., breeding-places of, in W. Africa, IV. **45**, **112**.
- Eretmopodites quinquevittatus*, Theo., in E. Africa, VIII. **164**; in W. Africa, IV. **45**, **120**, **163**, X. **225**; in Madagascar, IV. **120**; breeding-places of, IV. **45**, **163**.
- erinacei*, *Archaeopsylla* (*Ctenocephalus*); *Demodex canis*.
- Erinnyis ello*, L., Diptera sucking blood of, II. **132**.
- eriodendroni*, *Culicoides*.
- eriphthalma*, *Pyrellia*.
- Eristalis*, VI. **139**; in Poland, VIII. **119**; causing myiasis in man, VI. **3**.
- Eristalis arbustorum*, L., breeding in manure in British Isles, VII. **191**; causing myiasis in man, I. **49**, III. **152**.
- Eristalis dimidiatus*, Wied., causing myiasis in man, I. **49**.
- Eristalis obsoletus*, Wied., *Monedula denticornis* predacious on, in British Guiana, VI. **18**.
- Eristalis tenax*, L., breeding in manure in British Isles, IV. **108**, VI. **191**; causing myiasis in man, I. **49**.
- eristaloides*, *Pelecorhynchus*.
- erratica*, *Phaonia*.
- erraticus*, *Culex* (*Melanoconion*); *Ornithodoros*.
- erucicida*, *Forcipomyia*.
- eruditus*, *Cheyletus*.
- eryngii*, *Lasioptera*.
- erynnis*, *Tabanus*.
- erythrocephala*, *Calliphora*; *Ornithoc-tona*.
- erythrocephalus*, *Creophilus*.
- erythromela*, *Araneus*.
- erythromera*, *Spalangia*.
- erythroneurum*, *Xanthagron*.
- erythrothorax*, *Culex*.
- Eschatocephalus vespertilionis* (see *Ixodes*).
- escomeli*, *Culex*; *Simulium*.
- Esenbeckia*, habits of, in Brazil, VIII. **25**.
- Esenbeckia ferruginea*, Macq., in Brazil, VI. **90**.
- Esenbeckia tucumana*, Brèthes, described as new from Argentina, X. **171**.
- esmoneti*, *Culicoides*.
- esoensis*, *Aedes*.
- espini*, *Goeldia* (*Lesticocampa*).
- eta*, *Sarcophaga*.
- ethiopicus*, *Culex ager* (see *C. bitaeniorhynchus*).
- Etorleptomyia mediolineata* (see *Ficalbia*).
- Eubonnea*, subgen. n., VIII. **33** (see *Culex*).
- eucephalaeus*, *Aedes* (*Ochlerotatus*).
- eucleptes*, *Aedes* (*Finlaya*).
- Eucoila*, introduced into Hawaii against *Lyperosia irritans*, X. **83**.
- Eucoethra*, larva of, predacious on mosquito larvae, VI. **7**, **49**.
- eudyptidis*, *Ixodes*.
- Euforcipomyia fusicornis*, Coq., in Illinois, IV. **55**.
- Euforcipomyia hirtipennis*, Malloch, described as new from Illinois, IV. **55**.
- Eugamasus loricatus*, Wankel, on rodents in Britain, III. **9**.
- Eukraiohelea*, gen. n., X. **61**.
- Eukraiohelea africana*, I. & M., described as new from Gold Coast, X. **61**; breeding-places of, X. **61**.
- Eukraiohelea foyi*, I. & M., described as new from Nigeria, X. **233**.
- Eukraiohelea versicolor*, I. & M., described as new from Gold Coast, X. **61**; breeding-places of, X. **61**.
- Eulaclaps* (*Laelaps*) *stabularis*, Koch,

on rats in Great Britain, III. 9; in France, VIII. 221; on man, I. 229, VIII. 221; nymphal stages of, VIII. 221.

Eumelanomyia, pupal characters of, V. 167; perhaps a distinct subgenus of *Culex*, X. 153.

Eumelanomyia inconspicua, Theo., *Culex albiventris* n. n. proposed for (q.v.), X. 153.

Eumusca (see *Musca*).

Eupelminus tarsatus, Wtrst., described as new, IV. 65; parasite of *Glossina morsitans* in Nyasaland, IV. 29, 65, 112, V. 2.

Eupelmus urichi, Wtrst., described as new, X. 214; parasite of *Cyclopodia greeffi* in San Thomé, X. 214.

euphanes, *Tabanus*.

Euphormia, gen. n., proposed for *Phormia regina*, Mg. (q.v.), VIII. 52.

Euproctis edwardsi, Neum., causing dermatitis in man in Australia, X. 168.

Euproctis flava, F., var. *subflava*, Bremer, probably causing dermatitis in man in Japan, IX. 118.

Eurenetes limaceum, Schrank, attacking snails, VIII. 24.

Eurydema (*Pentatoma*) *oleraceum*, L., flagellates in, in France, X. 121.

Eurydema (*Pentatoma*) *ornatum*, L., flagellates in, in France, X. 121.

Eurydema ornatum var. *pectorale*, Fieb., flagellates in, in France, X. 121.

eurygaster, *Pedicinus*.

Euryophthalmus convivus, Stål, new flagellate found in, in U.S.A., IX. 48.

Euryparasitus (*Gamasus*) *terribilis*, Mich., on rats in Britain, I. 103, III. 9.

Eurypelma steindachneri, Auss., effects of poison of, in Arkansas, X. 190.

eurysternus, *Haematopinus*.

Eusimulium (see *Simulium*).

eulaeniata, *Musca* (see *M. humilis*).

Euthrombidium trigonum, Herm., infesting Orthoptera in Europe and N. America, VI. 147.

Euxoa (*Agrotis*) *tritici*, L., parasitised by Tachinids, I. 152.

Evania appendigaster, L., a parasite of cockroaches, III. 126.

evertsi, *Rhipicephalus*.

exaratum, *Stomatocera*s (*Centrochalcis*).

excelsus, *Tabanus*.

excitans, *Chrysops*.

excrucians, *Aedes* (*Ochlerotatus*).

exigua, *Lyperosia*.

exiguicornuta, *Haematopota*.

exiguum, Lutz, *Simulium* (see *S. amazonicum*).

exiguum, Roub., *Simulium*.

exilis, *Atractodes*.

exornatum, *Aponomma*.

expositicius, *Haemaphysalis* (see *H. cinnabarina punctata*).

extricator, *Culex*.

exulans, *Tabanus*.

F.

faceta, *Neopsylla*.

fahrenheitzi, *Linognathus*.

Fahrenheitzia tribulosa, Ferris, described as new from *Perognathus californicus* in N. America, IV. 177.

fajardoii, *Anopheles* (*Chagasia*).

falcatus, *Rhipicephalus*.

falcula, *Simulium*.

falculata, *Sarcophaga*.

fallax, *Pheidole*; *Phlebotomus*; *Wyeomyia*.

famelicus, *Oncopeltus*.

Fannia, not experimentally transmitting onchocerciasis in Australia, VIII. 174; ingesting cysts of *Entamoeba histolytica*, V. 117; causing myiasis in man, VI. 3; duration of early stages of, VII. 57.

Fannia armata, Mg., in houses in Britain, IV. 144.

Fannia brevis, Rond., entering houses in U.S.A., VI. 103.

Fannia (*Hemalomyia*) *canicularis*, L., IV. 45, VII. 40; in Australia, III. 207, VII. 187; in Austria, VI. 81; in Britain, I. 11, 66, II. 19, III. 89, 175, IV. 108, 143, 169, V. 155, VIII. 22, X. 87; in Egypt, IV. 142, VI. 239; in France, I. 111, 134; in Gallipoli, IV. 92, VI. 26; in Germany, VIII. 122; flagellate in, in India, IX. 208; in Korea, VII. 142, IX. 180, X. 206; in Manchuria, X. 45; possibly infesting sheep in New Zealand, IX. 168, X. 204; in Russia, I. 110, VIII. 119; in Salonica, IV. 179; in Sweden, VII. 157; in U.S.A., III. 61, IV. 5, V. 125, 145, VI. 103, VIII. 30; causing myiasis, I. 67, III. 32,

- 152; infested with *Empusa muscae*, I. 11, 134; developing in dead snails, X. 23; bionomics of, VIII. 122; hibernation of, V. 155, IX. 29, 180, X. 206; seasonal prevalence of, III. 207, V. 125; natural enemies of, II. 56, VIII. 22; fumigation against, VIII. 121; baits and traps for, IV. 5, 142, 169, V. 45, VIII. 30, X. 87; characters of, I. 22; egg of, I. 110; sense reactions of, VII. 56.
- Fannia incisurata*, Zett., causing auricular myiasis in man, III. 32; breeding in cess-pools in France, X. 30.
- Fannia manicata*, Mg., bionomics of, in Britain, IV. 143.
- Fannia scalaris*, F., VII. 40; in Austria, VI. 81; in Britain, II. 19, III. 175, IV. 143, 169; in France, II. 134, X. 30; in Gallipoli, IV. 92, VI. 26; in Korea, X. 206; in Manchuria, X. 45; in Poland, VIII. 119; in U.S.A., III. 61, IV. 5, V. 125, VI. 116; and disease, IV. 45, V. 49; causing auricular myiasis in man, III. 32; bionomics of, IV. 145, X. 24, 206; seasonal prevalence of, V. 125; breeding-places of, VI. 116, X. 30; baits for, IV. 5, 169; sense reactions of, VII. 56.
- Fannia setigena*, Villen., described as new from Ruwenzori, IV. 125.
- farinae*, *Tyroglyphus* (*Aleurobius*).
- farinalis*, *Pyralis* (*Asopia*).
- fasciata*, *Bogeria*; *Palpomyia*; *Stegomyia* (see *Aedes argenteus*).
- fasciatapep*, *Haematopota*.
- fasciatus*, *Aedes* (*Stegomyia*) (see *A. argenteus*); *Ceratophyllus*; *Tabanus*.
- fasciolatus*, *Taeniorhynchus* (*Mansonina*).
- fascipennis*, *Culicoides*.
- fascipes*, *Orthopodomomyia* (*Bancroftia*).
- fatigans*, *Culex*.
- fauna*, *Wyeomyia*.
- faurci*, *Linognathoides*.
- febrifer*, *Anopheles* (*Myzomyia*) (see *A. minimus*).
- febrilis*, *Dilophus*.
- felis*, *Ctenocephalus*; *Otodectes* (*Choriotptes*) *cynotis*.
- femoralis*, *Aphodius*.
- femur-rubrum*, *Melanoplus*.
- fenestralis*, *Oecothia*; *Rhyphus*; *Scenopinus*.
- fenestrarum*, *Drosophila*.
- fera*, *Pangonia*.
- fergusoni*, *Culex* (*Culicada*, *Ochlerotatus*); *Musca* (*Viviparomusca*) (see *M. convexifrons*).
- ferrugatus*, *Diachlorus*.
- ferruginata*, *Limosina* (*Leptocera*).
- ferruginea*, *Aphiochaeta* (see *A. scalaris*); *Esenbeckia*; *Palpomyia*.
- ferrugineum*, *Tribolium* (see *T. castaneum*).
- ferrugineus*, *Laemophloeus*.
- festinus*, *Laelaps*.
- festivus*, *Stibasoma*; *Tabanus*.
- Ficalbia*, notice of key to, X. 229.
- Ficalbia dofleini* (see *Rachionotomyia*).
- Ficalbia* (*Dixomyia*) *elegans*, Tayl., in Queensland, IV. 60.
- Ficalbia* (*Etorleptomyia*) *mediolineata*, Theo., at Accra, VI. 16; in Nyasaland, X. 62.
- Ficalbia minima*, Theo., in Calcutta, IX. 124; in Hong Kong, III. 141.
- ficalbii*, *Theobaldia* (see *T. funipennis*).
- fidelis*, *Culex* (*Neoculex*).
- fidus*, *Ceratophyllus*.
- fiebrigi*, *Atrichopogon*; *Psorophora* (*Janthinosoma*).
- Figites*, parasite of flies in Britain, VIII. 22.
- Figites consobrinus*, Giraud, parasite of flies, II. 134.
- Figites scutellaris*, Rossi, parasite of flies, II. 134.
- fijianus*, *Tabanus*.
- filia*, *Sarcophaga*.
- filibranchius*, *Ceratopogon*.
- filiformis*, *Heteromyza* (see *Thelida oculata*).
- filipes*, *Rachionotomyia* (*Rachisoura*).
- fimbriatus*, *Ceratophyllus*.
- fimetarius*, *Aphodius*.
- Finlaya*, a subgenus of *Aedes*, q.v.
- fisheri*, *Aedes*.
- fitchi*, *Aedes*.
- fixissima*, *Chrysops*.
- flava*, *Chiromyia*; *Dasyhelea*; *Euproctis*; *Haemaphysalis*.
- flaveola*, *Dryomyza*.
- flavescens*, *Pantala*.
- flaviceps*, *Anopheles*.
- flaviceps*, Macq., *Chrysomyia* (*Lucilia*, *Pycnosoma*) (see *C. megacephala*).
- flaviceps*, auct., *Chrysomyia* (see *C. bezziana*).
- flavicornis*, *Cantharis*; *Erephopsis*.
- flavicosta*, *Anopheles*.
- flavida*, *Pachycerina*.
- flavidus*, *Atrichopogon*; *Chrysops*.
- flavifacies*, *Wyeomyia*.
- flaviformis*, *Dasyhelea*.

- flavifrons*, *Aedes* (*Culex*, *Culicada*, *Ochlerotatus*); *Grabhamia* (see *Aedes theobaldi*).
- flavipennis*, *Pelecorynchus*.
- flavipes*, *Atrichopogon*; *Calliphora*; *Culex* (see *C. pipiens*); *Gastrophilus*; *Palpomyia*; *Simulium*.
- flavipicta*, *Dasyhelea*.
- flavirostris*, *Anopheles* (*Myzomyia*) (see *A. minimus*); *Culex* (see *Theobaldia morsitans*).
- flavistigma*, *Stibasoma*.
- flavitaenia*, *Diachlorus*.
- flaviventris*, *Ceratopogon*; *Nilobezzia armata*.
- flavopictus*, *Aedes* (*Stegomyia*).
- flavothorax*, *Tabanus*.
- flavus*, *Anopheles* (*Myzomyia*) (see *A. immaculatus*); *Armigeres* (*Chaetomyia*, *Leicesteria*); *Tabanus*; *Taeniorhynchus* (*Culex*).
- flerowi*, *Anopheles pseudopictus* (see *A. hyrcanus flerowi*).
- fletcheri*, *Aedes* (*Ochlerotatus*) (see *A. lutescens*).
- flindersi*, *Tabanus*.
- floridana*, *Chrysops vittata*.
- floridanus*, *Culex* (*Mochlostyrax*); *Phanurus*.
- floridensis*, *Psorophora*.
- fluctus*, *Echinophthirius*.
- flui*, *Prosopolepis*.
- fluviatilis*, *Aedes*; *Johannseniella*.
- foedus*, *Cimex* (*Clinocoris*).
- foenalis*, *Iphis*.
- foenarius*, *Acarus*.
- folliculorum*, *Demodex*.
- fontinella*, *Cuterebra*.
- forbesi*, *Simulium*.
- forceps*, *Scutigera*.
- Forcipomyia*, in Brazil, I. 65.
- Forcipomyia biannulata*, I. & M., in Gold Coast, X. 234.
- Forcipomyia bicolor*, Lutz, described as new from Brazil, III. 82.
- Forcipomyia bipunctata*, L., synonymy of, X. 141; variety of, in Palestine, IX. 194.
- Forcipomyia canaliculata*, Goetgh., in Britain, IX. 195.
- Forcipomyia castanea*, I. & M., in Gold Coast, X. 234.
- Forcipomyia disticta*, Kieff. (see *F. bipunctata*).
- Forcipomyia elegantula*, Malloch, described as new from Illinois, IV. 55.
- Forcipomyia crucicida*, Knab, described as new, II. 132; attacking *Erinnyis ello* in U.S.A., II. 132.
- Forcipomyia hirsuta*, I. & M., in Gold Coast, X. 234.
- Forcipomyia incomptifemnibus*, I. & M., in Gold Coast, X. 234.
- Forcipomyia ingrami*, Cart., described as new, VII. 81; in Gold Coast, VII. 81, VIII. 12, IX. 25, X. 234; larvae of, predacious on mosquito larvae, VII. 81; *Elaphropeza* predacious on, IX. 25.
- Forcipomyia inornatipennis*, Aust., in Gold Coast, X. 234.
- Forcipomyia lefanui*, Cart., described as new, IV. 109; referred to *Lasiohelea*, q.v.
- Forcipomyia squamipennis*, I. & M., in Gold Coast, X. 234.
- Forcipomyia squamitibia*, Lutz, described as new from Brazil, III. 82.
- Forcipomyia squamosa*, Lutz, described as new from Brazil, III. 82.
- Forcipomyia townsendi*, Knab, probably transmitting uta in Peru, IV. 63.
- Forcipomyia utae*, Knab, probably transmitting uta in Peru, IV. 63.
- Forcipomyia vexans* (see *Ceratopogon*).
- Formica fusca*, L., utilised to destroy lice, V. 175.
- formicaria*, *Spalangia*.
- formosa*, *Chloromyia*; *Corizoneura*.
- formosaensis*, *Anopheles*.
- formosana*, *Haematopota*.
- formosensis*, *Aedes*.
- fossarum*, *Gerris*.
- fossor*, *Necrophorus*.
- fossum*, *Amblyomma*.
- fowleri*, *Anopheles* (see *A. pallidus*, Theo.).
- foxi*, *Pneumonyssus*.
- foyi*, *Bezzia*; *Eukraiohelea*.
- fragilis*, *Anopheles* (*Stethomyia*) (see *A. aitkeni*); *Culex* (*Culicomyia*).
- franciscanus*, *Anopheles* (see *A. pseudopunctipennis*); *Ceratophyllus ignotus*.
- fraseri*, *Uranotaenia bilineata*.
- fratellus*, *Tabanus* (see *T. patulus*).
- fraterculus*, *Tabanus*.
- fraterna*, *Serinetha*.
- fraternus*, *Tabanus*.
- fraudatrix*, *Culex* (*Lophoceratomyia*).
- freerae*, *Pyrethrophorus* (see *Anopheles* (*Nyssorhynchus*) *fuliginosus*).
- freetownensis*, *Culex* (*Culicomyia*).
- frenchi*, *Theobaldia* (*Culex*).
- frerei*, *Sarcophaga*.
- Freyana chanayi*, Trou., on turkeys in U.S.A., VI. 14.
- freyi*, *Aedes* (*Ochlerotatus*).

frigidus, *Chrysops*.
fringillae, *Ceratophyllus*.
frischii, *Dermestes*.
froggatti, *Parasphylomicrus*; *Sarcophaga*; *Tabanus*.
frontalis, *Listrophorus*; *Silvius*.
frontalis, Thoms., *Sarcophaga* (see *S. misera*).
frontalis, auct. (see *S. tryoni*).
fugax, *Chrysops*; *Phorbia* (*Chortophila*).
fulgens, *Aedes* (*Ochlerotatus*).
fulgida, *Diatomineura*.
fuliginosum, *Allothrombium*.
fuliginosus, *Anopheles* (*Nyssorhynchus*); *Chrysops*; *Lasius*; *Melanotabanus*; *Silvius*.
julleri, *Culex* (*Lophoceratomyia*).
fulmineus, *Tabanus*.
fulva, *Corizoneura*; *Hippobosca*; *Palpomyia* (see *P. ferruginea*).
fulvaster, *Chrysops*.
fulvicapillus, *Tabanus*.
fulviceps, *Chrysops*.
fulvicinctus, *Tabanus*.
fulvicornis, *Tabanus*.
fulvifascia, *Oscia* (*Pangonia*).
fulvimedioides, *Tabanus*.
fulvipes, *Limosina*; *Simulium* (*Prosimulium*).
fulvipilosus, *Tabanus atratus*.
fulvithorax, *Aedes*; *Culicoides* (*Johannseniella*).
fulvohirtum, *Stibasoma*.
fulvohirtus, *Silvius*.
fulvoventralis, *Stenosterys*.
fulvum, *Simulium* (*Prosimulium*).
fulvus, *Aedes* (*Chrysonoconops*); *Ochrops* (*Atylotus*); *Parasilvius*; *Pelecorhynchus*; *Rhipicephalus* (*Pterygodes*).
fumipennis, *Pseudolfersia*; *Theobaldia* (*Culicella*).
fumomarginatus, *Tabanus*.
funebis, *Chrysops*; *Cuterebra*; *Drosophila*.
funereus, *Aedes* (*Skusea*).
funestus, *Anopheles* (*Myzomyia*).
funicola, *Siphunculina* (*Siphonella*).
funiculus, *Psorophora*.
furcata, *Scatophaga*; *Thyreophora*.
furcatum, *Simulium* (*Prosimulium*).
furcifer, *Aedes* (*Ochlerotatus*).
furcosus, *Ornithodoros*.
furiusum, *Simulium*.
furonis, *Otodectes* (*Chorioptes*) *cynotis*; *Sarcoptes scabiei*.
furvus, *Tabanus*.
fusca, *Cyathomyia* (*Protomelanconion*) (see *Culex horridus*); *Dasyhelea*; *Formica*; *Glossina*; *Lutzia* (*Culex*) *tigris*; *Nilobezzia*

armata; *Olfersia*; *Tychomyza*; *Uranotaenia* (see *U. bicolor*).
fuscana, *Lutzia*.
fuscipex, *Chrysops*.
fuscicauda, *Sarcophaga*.
fuscicornis, *Aspilota*; *Sapromyza*.
fusciiformis, *Dasyhelea*.
fuscinanus, *Ceratopogon* (*Prohelea*).
fuscinervis, *Buplex*.
fuscipennis, *Chrysops*.
fuscipes, *Glossina palpalis*; *Paederus*; *Simulium* (*Prosimulium*); *Spalangia*; *Wyeomyia* (*Phoniomyia*).
fuscipes, Ric., *Tabanus*.
fuscipes, Tayl., *Tabanus* (see *T. taylora*).
fuscipleuris, *Dasyhelea*; *Glossina*.
fusciscutellata, *Dasyhelea*.
fuscivenosa, *Palpomyia*.
fuscocephalus, *Culex*.
fuscofasciatus, *Tabanus*.
fusconiger, *Pelecorhynchus*.
fuscopennatus, *Taeniorhynchus* (*Chrysoconops*).
fuscus, *Aedes* (see *A. cinereus*); *Opifex*; *Stomoxys*; *Thriambeutes*.
fuscus, Tayl., *Culex* (*Culicella*) (see *C. fatigans*).
fuscus, Theo., *Culex* (*Protomelanconion*) (see *C. horridus*).
fuscus, Theo., *Culex* (*Trichorhynchus*) (see *C. fragilis*).
fusicornis, *Euforciomyia* (*Ceratopogon*).

G.

galcratum, *Simulium reptans*.
galilaeus, *Tendipes*.
Galleria mellonella, L., reaction of larvae of, to micro-organisms, II. 54, VIII. 86, IX. 81, 123, 144, 154, 177, X. 82, 98, 121, 228.
gallii, *Aedes* (see *A. pullatus* var. *jugorum*); *Simulium* (*Prosimulium*).
gallinacea, *Echidnophaga* (*Sarcophylla*, *Xestopsylla*).
gallinae, *Ceratophyllus*; *Cnemidocoptes laevis*; *Dermanyssus*; *Goniocotes*.
gallinarum, *Trombicula*.
gallinulae, *Ceratophyllus*; *Megninia*.
galloisi, *Aedes* (*Stegomyia*).
Gamasus coleoptatorum, L., species allied to, infesting house-flies in Britain, IV. 146; on rats, I. 103.
Gamasus terribilis (see *Euryparasitus*).

- gambiensis*, *Paratricyclea*.
gamma, *Sarcophaga*.
gareii, *Ceratophyllus*.
gasteracanthoides, *Gliptocranium*.
Gasterophilus (see *Gastrophilus*).
gastricus-major, *Gastrophilus* (see *G. intestinalis*).
Gastrophilus, in British Isles, VIII. 149; in Canada, IX. 65; in Denmark, IX. 67; in Gold Coast, V. 45; imported into Dutch E. Indies, X. 232; in Russia, X. 218; relation of, to swamp fever or infectious anaemia of horses, V. 123, 185, VI. 44, VII. 28, VIII. 8, 191, IX. 129, X. 4; toxic effect of, on animals, III. 139; infesting man, VIII. 150, IX. 67, X. 218; remedies for, V. 122, 132, 177; traps for, IX. 65; notice of key to larvae of, IX. 44.
Gastrophilus asininus (see *G. intestinalis asininus*).
Gastrophilus bovis, L. (see *G. intestinalis*).
Gastrophilus clarki, Leach (see *G. nasalis*).
Gastrophilus duodenalis, Schwab (see *G. nasalis*).
Gastrophilus equi, Cl. (see *G. intestinalis*).
Gastrophilus flavipes, Ol., probably occurring in W. Africa, III. 99.
Gastrophilus gastricus-major, Schwab (see *G. intestinalis*).
Gastrophilus gedoelsti, Rodh. & Beq., described as new from zebra in E. Africa, IX. 44.
Gastrophilus haemorrhoidalis, L., III. 217, IV. 194; not present in S. Africa, VIII. 7; in Canada, V. 105, VI. 40, VII. 28, 55; in France, X. 201; in Morocco, IV. 164; in Russia, II. 166; in U.S.A., II. 138, III. 85, 149, VI. 88, 150, 151, 169, 183, IX. 17, 203; relation of, to swamp fever or infectious anaemia of horses, V. 27, VI. 152, 169, 209, VII. 28; bionomics of, III. 99, VI. 88, 151, VII. 55; measures against, V. 177, VI. 152, 169, VII. 56, X. 201; egg of, VII. 134.
Gastrophilus inermis, Brauer, infesting rooks in Turkestan, IV. 24.
Gastrophilus intestinalis, DeG., I. 234; in S. Africa, II. 203, VIII. 7; in W. Africa, IV. 22; in British Isles, VII. 186, IX. 4; in Canada, III. 155, IV. 194, VII. 28, 55; in Egypt, VI. 239; in France, X. 201; in Italy, III. 152, IX. 46, 176; in Morocco, IV. 164; in New Zealand, VII. 180, X. 183; in Russia and Astrakhan, II. 166, III. 68, 217, IX. 115; in U.S.A., III. 149, VI. 88, 151, 152, 169, 183, IX. 17, X. 177; relation of, to swamp fever or infectious anaemia of horses, V. 27, 122, VI. 169, 183; infesting dogs, IX. 4; cause of toxicity of extract of, X. 88; bionomics of, V. 162, VI. 151, VII. 55, VIII. 7; larval stages of, X. 212; metabolism of larva of, VIII. 205; egg of, III. 144, VI. 166, VII. 58, 118, 133; measures against, II. 166, IV. 56, 62, V. 122, 177, VI. 152, VII. 56, VIII. 36, IX. 176, X. 177, 201; artificially parasitised by *Nasonia brevicornis*, V. 158; posterior stigmata of larva of, II. 131.
Gastrophilus intestinalis asininus, Brauer, in Tropical Africa, II. 91, III. 99, V. 35; in Brazil, VI. 129; in Egypt, VI. 239, VIII. 7.
Gastrophilus intestinalis bengalensis, Macq., bionomics of, in Mesopotamia, IX. 102.
Gastrophilus lativentris, Brauer, possibly infesting horses in Germany, X. 212.
Gastrophilus magnicornis, Bezzi, described as new from mules in Eritrea, IV. 156.
Gastrophilus nasalis, L., III. 217; in S. Africa, VIII. 7, 8; in W. Africa, III. 99, IV. 22; in S. America, VI. 238; in Canada, IV. 194, V. 105, VI. 40, 189, VII. 28, 55; in Germany, V. 122; in Mesopotamia, IX. 102; in Morocco, IV. 164; in New Zealand, X. 183; in Queensland, VIII. 73, 74; in U.S.A., III. 149, V. 58, VI. 88, 151, 169, 183, X. 177; bionomics of, VI. 88, 151, VII. 28, 55, VIII. 7, IX. 102; oviposition habits of, VI. 189, VII. 58, 133; measures against, V. 122, VII. 56, VIII. 36, X. 177; larva of, VI. 29; *G. veterinus* considered the correct name for, VII. 55.
Gastrophilus pecorum, F., X. 201; in zebra in Africa, X. 210; in S. Africa, VIII. 7; in Germany, V. 122; in Russia, X. 180; in

- U.S.A., III. 149; said to be absent from U.S.A., VI. 169; bionomics of, VIII. 7; measures against, V. 122; larval stages of, X. 111, 210.
- Gastrophilus pecorum* var. *zebrae*, Rodh. & Beq., infesting zebra in E. Africa, IX. 44; not considered a distinct variety, X. 210.
- Gastrophilus salutaris*, Clark (see *G. nasalis*).
- Gastrophilus tetricinctus*, Ged., infesting zebra in Africa, VII. 170.
- Gastrophilus veterinus*, Clark (see *G. nasalis*).
- Gastroxides ater*, Saund., breeding-places of, in India, V. 38, X. 67.
- Gastrus equi*, Cl. (see *Gastrophilus intestinalis*).
- gazellae*, *Hypoderma*.
- geayi*, *Amblyomma*.
- gedoelsti*, *Gastrophilus*.
- Gedoelstia*, hosts of, V. 49.
- Gedoelstia cristata*, R. & B., infesting haartebeeste in Tropical Africa, I. 94, II. 91, III. 99, VII. 116, 170, IX. 43.
- Gedoelstia hässleri*, Ged. (*paradoxa*, R. & B.), described as new, VII. 116; infesting antelopes in Tropical Africa, III. 146, 198, VII. 116, 170, IX. 43; *G. paradoxa* considered identical with, III. 146, 198.
- Gedoelstia paradoxa*, R. & B., described as new from Belgian Congo, III. 146; considered identical with *G. hässleri*, IX. 43.
- Gelechia gossypiella* (see *Platyedra*).
- gelidus*, *Culex* (*Leucomyia*, *Theobaldomyia*).
- gemellus*, *Paederus*.
- geminata*, *Solenopsis*.
- gemma*, *Amblyomma*.
- genesareth*, *Polypedilum*.
- genetta*, *Trichodectes*.
- geniculata*, *Triatoma*.
- geniculatus*, *Aëdes* (*Finlaya*, *Ochlerotatus*).
- gentilis*, *Myodopsylla*.
- genurostris*, *Harpagomyia*.
- geometrica*, *Uranotaenia*.
- Geophilus carpophagus*, Leach, infesting man in France, IV. 102.
- georgia*, *Erephopsis vicina*.
- georgina*, *Sarcophaga*.
- geraldi*, *Tabanus*.
- germanica*, *Blattella* (*Blatta*, *Ectobia*, *Phyllodromia*); *Vespa*.
- germanicus*, *Haematopinus suis*.
- Gerris fossarum*, F., trypanosomes of *Glossina* unable to live in, VI. 34; experimental transmission of flagellates of, I. 141, IV. 103.
- gibbosus*, *Ixodes ricinus*.
- gibbula*, *Erephopsis*.
- gibbus*, *Listrophorus*.
- giblini*, *Taeniorhynchus* (*Pseudotaeniorhynchus*).
- gibsoni*, *Musca*.
- giffardi*, *Dirhinus*.
- gigantea*, *Helomyza*.
- giganteus*, *Culex*.
- gigantulus*, *Silvius*.
- gigas*, *Anopheles*; *Goniocotes*; *Myonyssus*; *Stenopterina*; *Tabanus*.
- gilesi*, *Anopheles* (*Myzorhynchella*).
- gilvus*, *Linognathus*.
- giraudi*, *Coleophora*; *Phora*.
- giraulti*, *Australencyrtus*; *Lucilia* (see *L. sericata*).
- glaber*, *Tabanus*.
- gladiator*, *Haemagogus*.
- glaphyroptera*, *Theobaldia* (*Culiseta*).
- glauca*, *Notonecta*.
- glaucopsis*, *Tabanus*.
- Gliptocranium gasteracanthoides*, Nic., poisonous to man in Peru, VI. 51.
- gliricolens*, *Demodex*; *Microthrombidium*.
- globosus*, *Neochrysops*.
- Glossina*, notices of monographs of, IV. 36, X. 189; fossil species of, VI. 228; plans for investigation of, in Africa, IX. 46, 54; bionomics and distribution of, in French Equatorial Africa, IV. 84, VIII. 154, X. 117, 212; distribution of, in Belgian Congo, III. 199, IV. 35, 56; not present in Eritrea, V. 176; distribution of, in Gold Coast, II. 48, 94; distribution of, in Ivory Coast, V. 50; distribution of, on Kamerun frontier, III. 104, 200; distribution of, in Nigeria, VII. 182; eradication of, in Island of Principe, II. 13-15, 121-124, 205; notice of list of, in Tanganyika, II. 43; not present in Zanzibar, III. 48, VI. 123; possibly carrying *Filaria*, III. 33; and human trypanosomiasis in Tropical Africa, I. 26, 31, 37, 38, 42, 45, 46, 76, 144, 154, 157, 166, 168, 182, II. 14, 34, 36, 57, 66, 73, 74, 87, 119-124, 187, 188, 206, III. 30, 53, 67, 75, 107, 108, 125, 136-138, 170, 178, IV. 12, 18, 56, 66, 83, 84, 107, 110, 118, 176, V. 14, 20, 32, 40, 45, 83, 86, 95, 114, 190, VI. 48, 234, VII. 30,

- 64, 141, 159, 194, VIII. 23, 42, 43, 46, 67, 150, 154, IX. 1, 58, 59, 89, 93, 134, X. 42, 98, 118, 155, 188, 234; and trypanosomiasis of domestic animals, I. 19, 21, 36, 41, 76, 126, 127, 138, 168, 181, 182-184, II. 27, 48, 76, 94, 119, 151, 155, 164, 171, 185, 202, 206, III. 6, 18, 29, 30, 67, 70, 170, 179, 211, 230, IV. 19, 42, 47, 48, 66, 67, 77, 108, 151, 170, 171, V. 19-21, 25, 26, 38, 40, 45, 95, 97, 105, 173, VI. 30, 36, 68, 122, 133, 167, VII. 9, 30, 36, 47, 94, 111, 134, 139, 149, 182, 188, VIII. 23, 57, 70, 80, 104, 148, 180, 199, IX. 100, 101, 204, 207, X. 42, 70, 117, 218; effect of, on breeds of domestic animals, X. 71, 212-214; relation of, to game, I. 41, 42, 76, 99, 134, 138, 157, 169, 178, 183, II. 16, 37, 66, 74, 76, 77, 94, 149, 150, 186, III. 7, 8, 75, 171, 178, IV. 36, 47, 77, 114, 117, V. 26, 32, 38, 84, 172, 186, VI. 39, 84, 98, 99, VII. 9, 36, 37, 189, VIII. 10, 12, 48, 57, 209, IX. 39, X. 42, 117, 132; trypanosomes transmitted by, IV. 42, V. 12, VI. 34, IX. 207, X. 118; varying susceptibility of, to trypanosomes, I. 56, V. 46; occurrence of trypanosomiasis in absence of, in Africa, III. 6, 48, 91, 172, 200, IV. 151, V. 11, 12, 35, 106, 166, 173, 176, VI. 31, 99, 119, 122, 123, VII. 42, 109, 125, 131, 137, 156, 159, 189, VIII. 13, 17, 180, 211, IX. 71, 101, 171, 207, X. 16, 50, 108, 236; parasites of, I. 20, 93, 121, II. 96, IV. 65, 113, 117, VI. 40, 99, VIII. 206, IX. 205; other natural enemies of, II. 31, 104, 117, VI. 99; associated with bats, VI. 11; mode of nutrition of, VII. 174; migrations of, I. 56, 223; attraction of moving objects for, VIII. 111; anatomy of larva of, VI. 185; female armature of, VII. 132; method of keeping in captivity, II. 133; artificial breeding of, III. 177; measures against, II. 15, 34, 122, 140, 205, VI. 48, VIII. 170, IX. 1, 12, 97, 108, 134, 198, X. 117, 212; traps for, I. 126, II. 174, IV. 130, IX. 53; trap breeding grounds for, VIII. 100; suggested utilisation of *Melinis minutiflora* against, 169; use of arsenical dips against, III. 219, IV. 46, 171; possible repellents for, III. 37; protective helmet against, V. 185.
- Glossina armatipes*, Kkll., a fossil species in Colorado, VI. 228.
- Glossina austeni*, Newst., in E. Africa, I. 168, II. 139 (note), III. 104, VIII. 211, IX. 93, X. 127; in Mozambique, I. 192; in Zululand, IV. 121, IX. 1; probably recorded as *G. tachinoides*, VIII. 211; morphology of, I. 34.
- Glossina brandoni*, Chubb (see *G. austeni*).
- Glossina brevipalpis*, Newst., IV. 36; in Portuguese E. Africa, III. 172, VI. 134, IX. 97; in Belgian Congo, I. 220, IV. 31, 68, VI. 39, 144, VII. 135, 149, VIII. 42, 43, 76; in Kenya, X. 127; in Nyasaland, II. 185, IV. 18, 29, 113, 171, VI. 37, VII. 47, VIII. 70, 206; in N. Rhodesia, IV. 117; in S. Rhodesia, VII. 32; in Tanganyika, II. 139, III. 104, VII. 195, IX. 93; in Zululand, IX. 1, X. 132; and trypanosomiasis, IV. 18, 171, VII. 47, VIII. 70; trypanosomes carried by, II. 185; bionomics of, II. 185, IV. 29, 31, 113, VI. 144, VII. 136, IX. 97; breeding-places of, IV. 30, VII. 136; effect of bush fires on, IX. 97; *Austeniina*, gen. n., proposed for, IX. 207.
- Glossina caliginea*, Aust., in Gold Coast, II. 94; in Kamerun, III. 104; in Nigeria, I. 166, III. 46, 53, IV. 66, VI. 225.
- Glossina fusca*, Wlk., IV. 36; in French W. Africa, II. 76, V. 50, VIII. 154, X. 117; not found near Lake Chad, X. 147; in Belgian Congo, I. 32, 47, 144, IV. 56, VI. 39, 144, VII. 135, VIII. 42, 43, 148; in Gold Coast, I. 19, II. 94; in Kamerun, VII. 30, VIII. 151, X. 113; in Kenya, X. 127; in Sierra Leone, II. 27, IV. 45; alleged occurrence of, in Tanganyika, VII. 195, VIII. 211; in Togoland, III. 104; in Uganda, II. 32, V. 20, VII. 109, VIII. 104; possibly transmitting sleeping sickness, VIII. 151; and trypanosomiasis, VII. 109, VIII. 104; trypanosomes transmitted by, IV. 68; bionomics of, II. 32, IV. 56, VI. 144, VII. 135, VIII. 43; female armature of, VII. 133;

- key to genital armature of species allied to, IX. 119.
- Glossina fusca* var. *congolensis*, Newst. & Evans, described as new from Belgian Congo, IX. 119.
- Glossina fuscipes* (see *G. palpalis fuscipes*).
- Glossina fuscipleuris*, Aust., distribution of, in Belgian Congo, VIII. 76; in Kenya, II. 83 (*fusca* in error); genital armature of, I. 34.
- Glossina haningtoni*, Newst. & Evans, described as new from S. Kamerun, X. 125.
- Glossina longipalpis*, Wied., in French W. Africa, I. 55, II. 76, 77, V. 50, VI. 122, X. 117; in Gold Coast, I. 19, II. 94, V. 45, 46, 47; in Nigeria, I. 137; in Senegal, III. 111; in Sierra Leone, II. 27, IV. 45; in Togoland, III. 104; trypanosomes transmitted by, I. 55, II. 77, VI. 122; bionomics of, X. 117; female armature of, VII. 133; the West African representative of *G. pallidipes*, I. 192.
- Glossina longipennis*, Corti, distribution of, I. 232; in Kenya, I. 21, X. 11, 127; in Somaliland, III. 136; trypanosomes transmitted by, II. 36, 188; genital armature of, I. 34.
- Glossina medicorum*, Aust., in French W. Africa, I. 192, V. 50, X. 117; in Gold Coast, II. 94.
- Glossina morsitans*, Westw., in French W. Africa, I. 55, II. 76, 77, 172, III. 30, IV. 21, 84, VIII. 154, X. 71, 117, 118, 147, 213; in Portuguese E. Africa, I. 26, 178, III. 172, VIII. 113, 126, IX. 97; in Belgian Congo, I. 31, 36, 220, II. 75, III. 137, 186, IV. 30, 36, 56, 68, VI. 39, 144, VII. 135, 149, VIII. 42, 43, 76; in Gambia, III. 1, VIII. 191; in Gold Coast, II. 94, V. 45, IX. 100; not found in Kamerun, III. 104; in Nigeria, I. 137; in Nyasaland, II. 34, 57, 96, 103, 119, 156, 186, 188, III. 67, 140, IV. 18, 28-30, 65, 113-116, V. 2, VI. 7, VIII. 206, IX. 175, X. 42; in N. Rhodesia, I. 41, 42, 157, 159, II. 74, 95, III. 107, 108, 117, IV. 44, 117; not found in Barotse reserve, N. Rhodesia, III. 6; in S. Rhodesia, I. 27, 182-184, II. 147, 149, 150, 203, III. 7, 211, IV. 77, 108, V. 26, 166, VI. 133, VII. 9, 36, 42, 179, VIII. 12, 209; in Senegal, I. 55, III. 111, V. 38; in Sudan, I. 127, II. 187, IV. 56, X. 234; in Tanganyika, I. 76, II. 87, 124, III. 104, IV. 47, VII. 194, VIII. 47, 148, IX. 93; in Togoland, III. 104; in Uganda, II. 32, 164, III. 230, V. 19, 21, VII. 109, VIII. 10, 23; and sleeping sickness, I. 31, 42, 76, 134, 157, 169, 178, 183, II. 34, 74, 87, 119, 188, III. 107, IV. 18, 107, 118, V. 83, VII. 194, VIII. 46, 126, X. 42, 234; and trypanosomiasis of domestic animals, I. 183, II. 76, 185, III. 111, 211, IV. 19, 47, 77, 108, 151, V. 19, 21, 26, 106, 172, 186, VI. 36, VIII. 10, 23, X. 71, 213; trypanosomes transmitted by, I. 32, 37, 55, 100, 134, 169, 170, 178, II. 11, 156, 164, 186, 188, III. 171, 178, IV. 18, V. 38, 83, 106, VI. 17, 34, VIII. 46-48, 126, 148; relation of, to game, I. 41, 42, 100, 169, 178, 183, II. 66, 74, 76, 77, 149, 150, 186, III. 7, 171, 178, IV. 36, 47, 77, 115, 117, V. 26, 38, 84, 172, 186, VI. 39, 84, VII. 9, 36, 42, VIII. 10-12, X. 42, 117; bionomics of, I. 42, 170, II. 95, 103, 147, 186, III. 117, IV. 29, 30, 47, 113-116, VI. 144, VIII. 12, 209, IX. 97, X. 117, 132; parasites of, II. 96, III. 118, 142, IV. 28, 65, 113-116, 117, 122, V. 2, 157-159, VIII. 113, 206; other natural enemies of, II. 104, III. 141, IV. 28, VII. 11, IX. 175; Nematode found in, I. 20; bred in captivity, III. 77, V. 157; female armature of, VII. 133; measures against, II. 34, 57, 81, 96, 140, 174, III. 67, 140, IV. 29, 47, 114, 130, VII. 9, 36, 179, X. 118.
- Glossina morsitans pallida*, Shircore, described as new from Nyasaland, I. 132.
- Glossina morsitans paradoxa*, Shircore, described as new from Nyasaland, I. 132.
- Glossina morsitans submorsitans*, Newst., in Gold Coast, VI. 98, 99; in Nigeria, I. 138; bionomics of, VI. 98; natural enemies of, VI. 99; anatomy of, I. 229, VII. 133; western representative of *G. morsitans*, I. 192.
- Glossina nigrofusca*, Newst., in French W. Africa, I. 192, V. 50,

- X. 117; in Gold Coast, I. 19, II. 94; in Sierra Leone, II. 27.
- Glossina (Paleostrus) oligocena*, Ckll., a fossil species in Colorado, VI. 228.
- Glossina osborni*, Ckll., a fossil species in Colorado, VI. 228.
- Glossina pallicera*, Big., in French W. Africa, II. 76, V. 50, X. 117; in Gold Coast, II. 94; in Kamerun, III. 104, VII. 30, X. 125; in Sierra Leone, II. 27.
- Glossina pallidipes*, Aust., in Portuguese E. Africa, VI. 134, IX. 97; in Belgian Congo, I. 220, VI. 39, 144, VII. 135, 149, VIII. 42, 43, 76; in Kenya, II. 151, X. 11, 127; in S. Rhodesia, VII. 42; in Somaliland, III. 136, IX. 181; in Italian Somaliland, VII. 189; in Tanganyika, II. 139, III. 104, VII. 195, VIII. 211, IX. 93; in Uganda, II. 32, V. 20, VII. 109; in Zululand, IV. 121, IX. 1, 198, X. 132; and trypanosomiasis of domestic animals, II. 151, V. 21, VII. 109, IX. 181; trypanosomes transmitted by, V. 20; bionomics of, II. 32, VI. 144, VII. 136, 189, IX. 97, X. 132; female armature of, VII. 133; measures against, X. 132.
- Glossina palpalis*, R.-D., IV. 46; in French W. Africa, I. 37, 45, 55, 192, II. 170, 172, III. 29, IV. 21, 84, V. 50, VI. 122, VII. 159, VIII. 154, IX. 58, 59, X. 117, 147; absent from S.-E. Africa, I. 76, 100, VII. 194, VIII. 126; in Belgian Congo, I. 31, 46, 47, 144, 145, 220, III. 137, 187, 199, IV. 36, 43, 56, 68, V. 190, VI. 39, 144, VII. 80, 86, 125, 149, VIII. 42, 43, 68, 76, 148, X. 99, 156, 157; in Gambia, III. 1. VIII. 191; in Gold Coast, I. 19, II. 75, IV. 81, V. 45, 46, 47, VI. 98, IX. 100; in Kamerun, III. 104, V. 14, 32, VII. 30, VIII. 150, X. 113, 125; in Kenya, X. 127; in Nigeria, I. 137, 138, 154, 166, III. 53, IV. 66, 112, 116, V. 39, VI. 225; extermination of, in Island of Principe, II. 13-16, 121-124, 205, III. 125, IV. 48, V. 36, IX. 108; in N. Rhodesia, I. 157, II. 73; in Senegal, I. 36, 121, III. 111; in Sierra Leone, II. 27, III. 177, 178, IV. 45, 150; in Sudan,
- I. 126, II. 187, X. 234; in Tanganyika, II. 11, III. 104, VIII. 211, IX. 93; in Togoland, III. 104, X. 155; in Uganda, II. 30-32, III. 75, 171, 230, V. 20, 85, VI. 17, 30, VII. 100, VIII. 11, 23, 99-101, 131-133, X. 98; and sleeping sickness, I. 31, 37, 38, 42, 45, 154, 166, II. 14, 73, 123, 187, 206, III. 75, 136, 171, 178, IV. 56, 84, 110, V. 32, 46, 190, VI. 234, VII. 159, VIII. 23, 42, IX. 58, 59, X. 42, 98, 155, 157, 234; and trypanosomiasis of domestic animals, III. 230, VI. 30; trypanosomes transmitted by, I. 55, 132, II. 11, IV. 84, V. 39, VI. 17, 34, 122, IX. 134, 207; experiments with rinderpest blood and, VIII. 11; specially associated with pigs, I. 136, II. 16, V. 36, 95; bionomics of, I. 20, II. 30-32, 123, III. 111, 177, 178, VI. 144, VII. 100, 135, 149, VIII. 68, 99-101, 131-133, X. 98, 99, 117; sex disparity in, I. 227; local races of, I. 192; parasites of, I. 20, 93, 121, III. 117, VII. 86; other natural enemies of, II. 31, III. 199; attempts to breed under artificial conditions, III. 77, V. 157; methods of feeding, in captivity, III. 178; measures against, I. 137, II. 15, 122, 140, 205, III. 104, IV. 110, VIII. 100, X. 98; female armature of, VII. 133.
- Glossina palpalis* var. *fuscipes*, Newst., the eastern form of the species, I. 192.
- Glossina palpalis wellmani*, Aust., transmitting *Trypanosoma pe-caudi* in Angola, VIII. 167.
- Glossina schwetzi*, Newst. & Evans, described as new from Belgian Congo, IX. 119.
- Glossina severini*, Newst., described as new from Belgian Congo, I. 168.
- Glossina submorsitans* (see *G. morsitans submorsitans*).
- Glossina tabaniformis*, Westw., in French W. Africa, I. 192, X. 117; in Belgian Congo, VII. 80, VIII. 43, 68, X. 157; in Gold Coast, II. 94; in Kamerun, III. 104; key to genital armature of species allied to, IX. 119.
- Glossina tachinoides*, Westw., in French W. Africa, I. 55, 192, II. 76, III. 30, IV. 84, V. 50, VI. 122, VIII. 154, X. 117, 147;

- recorded from Arabia, VI. 228; in Gold Coast, I. 19, II. 75, 94, V. 45, VI. 17, 98, IX. 100; in Kamerun, III. 104; in Nigeria, I. 137, 166, III. 46, 53, 54, IV. 112, V. 39, VI. 225; recorded in error from Tanganyika, II. 139 (note), III. 104, VIII. 211; and trypanosomiasis of domestic animals, I. 138; trypanosomes transmitted by, I. 55, III. 4, 46, 54, VI. 17, 99, 122; spirochaetes found in, III. 54; bionomics of, VI. 98, X. 117.
- Glossina veterna*, Kell., a fossil species in Colorado, VI. 228.
- Glossina ziemanni*, Grünb., in Kamerun, III. 104.
- glossinae*, *Mutilla*; *Prolaelius*; *Syn-tomosphyrum*.
- glossinophaga*, *Coelatydia*.
- Glyciphagus*, attacking man in Switzerland, III. 226.
- Glyciphagus cadaverum*, Schr. (*spinipes*, Koch), VIII. 112; in dead bodies, IX. 121; in wheat screenings in Britain, IX. 10.
- Glyciphagus canestrinii*, Arm., in Britain, IX. 11.
- Glyciphagus cursor*, Gervais (see *G. domesticus*).
- Glyciphagus dispar*, Michael, species allied to, on *Histrichopsylla talpae* in Britain, IX. 196.
- Glyciphagus domesticus*, DeG. (*cursor*, Gerv.), in Britain, VIII. 112, 201, IX. 11; in Norway, IV. 180; infesting man, I. 16; infesting rodents, VIII. 112, 201, IX. 11; infesting sheep, VII. 183; in dead bodies, IX. 121; methods of fumigation against, VI. 61.
- Glyciphagus ornatus*, Kram., in skin-scrapings from horses in France, IX. 11.
- Glyciphagus plumiger*, Koch, in Britain, IX. 11.
- Glyciphagus spinipes*, Koch (see *G. cadaverum*).
- Gnophodeomyia inornata*, Theo. (see *Culex aikenii*).
- godfreyi*, *Chiastopsylla*.
- Goeldia*, notice of key to, IX. 72; notice of list of species of, X. 96.
- Goeldia (Lesticocampa) espini*, Mart., described as new from Panama, II. 130; male of, X. 178.
- Goeldia lineata*, Lutz, X. 96.
- Goeldia (Hyloconops) longipalpis*, Theo., bred from bamboos in Brazil, VIII. 26.
- Goeldia paranensis*, X. 96, 132.
- goeldii*, *Amblyomma*.
- Gomphus*, predacious on Anopheline larvae, IX. 142.
- gonimus*, *Aedes*.
- Goniocotes abdominalis*, Piag. (see *G. gigas*).
- Goniocotes compar*, Nitzsch, on pigeons in U.S.A., IV. 13, VI. 14, X. 227; measures against, X. 227.
- Goniocotes gallinae*, Retz. (*hologaster*, Nitzsch), on fowls in Canada, III. 186; on fowls in U.S.A., IV. 13, VI. 14, 142.
- Goniocotes gigas*, Tasch. (*abdominalis*, Piag.), in Australia, II. 21, VI. 74; in France, VIII. 127; in Guam, IV. 191, V. 184; in Mauritius, VII. 134; in U.S.A., IV. 13, VI. 14, 142, VIII. 13; on fowls, II. 21, IV. 13, 191, VI. 14, 74, 142, VII. 134, VIII. 13, 127; measures against, VI. 74, VIII. 13, 127.
- Goniocotes hologaster*, Nitzsch (see *G. gallinae*).
- Goniodes damicornis*, Nitzsch, measures against, on pigeons in U.S.A., X. 227.
- Goniodes dissimilis*, Nitzsch, on fowls in U.S.A., IV. 13, VI. 14 (*Goniocotes* in error), 142.
- Goniodes pavonis*, L., on peacocks, IV. 13.
- Goniodes styliifer*, Nitzsch, in Australia, VIII. 164; in U.S.A., VI. 14; on turkeys, II. 44, IV. 13, VI. 14, VIII. 164.
- gorgasi*, *Anopheles*.
- Gorytes*, destroying blow-flies in Australia, II. 94, III. 185.
- gossypiella*, *Platyedra* (*Gelechia*).
- grabhami*, *Anopheles* (*Cyclolepteron*).
- Grabhamia broquettii*, Theo. (see *Aedes dorsalis*).
- Grabhamia caballa*, Theo. (see *Aedes caballus*).
- Grabhamia dorsalis* (see *Aedes*).
- Grabhamia flavifrons*, Theo. (see *Aedes theobaldi*).
- Grabhamia jamaicensis* (see *Psorophora*).
- Grabhamia longisquamosa*, Theo. (see *Aedes caspius*).
- Grabhamia pulchripalpis* (see *Orthopodomyia*).
- Grabhamia subtilis*, Ed. & Et. Serg. (see *Aedes caspius*).

Grabhamia theobaldi (see *Aedes*).
Grabhamia varinervis (see *Psorophora*).
Grabhamia willcocksii, Theo. (see *Aedes caspius*).
gracilipes, *Simulium*.
gracilis, *Bironella*; *Haematopota*; *Palaeopsylla*.
grahami, *Aedes* (see *A. dorsalis*); *Culex*; *Culicoides*; *Haematopota*; *Ichnopsyllus*.
granaria, *Calandra* (*Calendra*).
granarius, *Aphodius*.
grandis, *Cephenomyia*; *Harmolita* (*Isosoma*); *Leptoconops*; *Rogenhoferia*.
granulatus, *Ixodes*.
Graphomyia, breeding in manure in British Isles, VII. **191**.
Graphomyia americana, R.-D., trapped with milk baits in U.S.A., IV. **5**.
Graphomyia maculata, Scop., in British Isles, IV. **144**, VIII. **22**; in Canada, III. **155**; seasonal prevalence of, in U.S.A., VII. **10**.
grata, *Worcesteria* (see *Toxorhynchites regius*).
gratus, *Tabanus*.
gravelyi, *Megarhinus* (*Toxorhynchites*).
greffi, *Cyclopodia*.
gregalis, *Coenotele*.
gregarius, Erichs., *Tabanus*.
gregarius, Tayl., *Tabanus* (see *T. mastersi*).
gregoryi, *Kingia*.
grenadensis, *Wyeomyia*.
grisea, *Symphoromyia*.
griseicollis, *Simulium*.
griseicolor, *Tabanus*.
griseidorsum, *Culicoides*.
grisella, *Achroia*.
griseoannulatus, *Tabanus*.
griseohirtus, *Tabanus*.
griseus, *Pseudoculicoides*.
groenlandica, *Phormia* (*Calliphora*, *Protocalliphora*).
grossulariata, *Abraxas*.
grotiusi, *Spalangia*.
Gryllus domesticus, L., in Connecticut, X. **133**.
Grypocampa affinis, Nees, parasite of *Simulium aureum* in Germany, IX. **104**.
guadeloupensis, *Megarhinus*.
gubernatoris, *Aedes* (*Ochlerotatus*, *Stegomyia*).
guianensis, *Megarhinus guadeloupensis*.
guarti, *Culex*.

guineense, *Microthrombidium*; *Tetramorium*.
guineensis, *Culicoides*.
gurneyi, *Musca* (*Philaematomyia*) (see *M. inferior*).
guttatus, *Culicoides*.
guttifer, *Culicoides*.
guttipennis, *Culicoides*.
guttularis, *Culicoides*.
guttulatus, *Anopheles* (see *A. quadrimaculatus*).
Gymnohelea, gen. n., IX. **171**.
Gymnohelea (*Atrichopogon*) *longiserra*, Kieff., IX. **171**.
Gymnohelea (*Atrichopogon*) *singularis*, Kieff., IX. **171**.
Gynaikothrips uzeli, Zimm., troublesome to man in Algeria, X. **147**.
Gyropus alpinus, Kellogg & Nakayama, described as new from vizcacha in Peru, II. **157**.
Gyrostigma (*Spathicera*), infesting rhinoceros, III. **144**, V. **163**.
Gyrostigma conjungens, End., infesting African rhinoceros, VII. **117**.
Gyrostigma meruense, Sjöst., infesting African rhinoceros, VII. **117**, **170**.
Gyrostigma pavesii, Cort., infesting African rhinoceros, VI. **107**, VII. **117**.
Gyrostigma sumatrensis, Br., infesting East Indian rhinoceros, VII. **117**.

H.

habilis, *Tabanus*.
hackeri, *Anopheles leucosphyrus*; *Tabanus*.
Haemagogus, in Panama Canal Zone, VII. **127**, IX. **108**; in Trinidad, II. **25**; notice of key to, IX. **206**, X. **229**.
Haemagogus (*Cacomyia*) *albomaculatus*, Theo., in Trinidad, V. **60**.
Haemagogus anastasionis, Dyar, described as new from Costa Rica, X. **55**.
Haemagogus capricornii, Lutz, in S. America, IX. **207**; in British Guiana, V. **58**; in Trinidad, V. **60**.
Haemagogus chalcospilans, Dyar, described as new from Panama, IX. **206**; bred from salt pools, IX. **206**.
Haemagogus discrepans, Edw., described as new from S.W. India, X. **198**.

- Haemagogus equinus*, Theo., *H. capricornii* possibly a synonym of, IX. 207.
- Haemagogus gladiator*, Dyar, described as new from tree-holes in Panama, IX. 206.
- Haemagogus iridicolor*, Dyar, described as new from Costa Rica, IX. 206.
- Haemagogus janthinomys*, Dyar, described as new from Trinidad, IX. 206.
- Haemagogus leucomelas*, Lutz, in Trinidad, V. 60.
- Haemagogus (Stegoconops) panarchys*, Dyar, described as new from Ecuador, IX. 206.
- Haemagogus regalis*, D. & K., in Trinidad, V. 60.
- Haemagogus spegazzinii*, Brèthes, a synonym of *H. capricornii*, IX. 207.
- Haemagogus splendens*, Will., breeding-places of, in Grenada, V. 53; in Trinidad, V. 60.
- haemaphorus*, *Tabanus*.
- Haemaphysalis*, VII. 46; conveying canine piroplasmosis in E. Africa, VIII. 148; on deer in Annam, X. 171; on cattle in New Zealand, VI. 115.
- Haemaphysalis aborensis*, Warb., described as new from Assam, I. 154.
- Haemaphysalis aciculifer*, Warb., described as new from antelope in Uganda, I. 154.
- Haemaphysalis australis*, Neum., in Australia, II. 12.
- Haemaphysalis bispinosa*, Neum., in Ceylon, X. 67; in Mesopotamia, IX. 146; in New Zealand, VIII. 206, IX. 69, X. 114, 183; on cattle, IX. 69, 146, X. 67; bionomics of, X. 183; measures against, VIII. 206.
- Haemaphysalis bispinosa* var. *intermedia*, Warb. & Nutt., in India, I. 154, VII. 69; hosts of, I. 154, VII. 69, IX. 96.
- Haemaphysalis calcarata*, Neum., in Italian Somaliland, IV. 70.
- Haemaphysalis chordeilis*, Pack. (see *H. cinnabarina*).
- Haemaphysalis cinnabarina*, Koch (*chordeilis*, Pack.), hosts of, in Canada, IV. 80; in U.S.A., III. 154, IV. 13; causing tick paralysis, IX. 31; on birds, III. 154, IV. 13; notice of bionomics of, IV. 34.
- Haemaphysalis cinnabarina punctata*, C. & F. (*expositicius*, Koch), in Britain, I. 112, IV. 34, X. 14; in Canada, IV. 80; in Hungary, IX. 116; in New Zealand, VII. 180; in Macedonia, VIII. 194; in Russia, V. 39; on goats in Smyrna, IV. 55; transmitting piroplasmosis of cattle, I. 112, IV. 34, VIII. 165, X. 14; transmitting *Piroplasma bovis*, V. 71; infesting foxes, IX. 96.
- Haemaphysalis concinna*, Koch, in Hungary, IX. 116; in Russia, V. 99; transmitting *Piroplasma canis*, VIII. 67; parasite of, IV. 34.
- Haemaphysalis concinna kochi*, Neum., on dogs in Japan, III. 4.
- Haemaphysalis cornigera*, Neum., var. *anomala*, Warb., described as new from wolf in India, I. 154.
- Haemaphysalis expositicius*, Koch (see *H. cinnabarina punctata*).
- Haemaphysalis flava*, Neum., in China and Japan, III. 4; in Mesopotamia, IX. 146; on dogs, III. 4, IX. 146.
- Haemaphysalis howletti*, Warb., described as new from horses in India, I. 154.
- Haemaphysalis inermis*, Bir., on horses in Macedonia, VIII. 194; infesting foxes, IX. 96; parasite of, IV. 34.
- Haemaphysalis inermis* var. *aponommoides*, Warb., described as new from zebu in India, I. 154.
- Haemaphysalis kinneari*, Warb., described as new from tiger in India, I. 154.
- Haemaphysalis lcachi*, Aud., in E. Africa, I. 21; on dogs in S. Africa, I. 206, II. 113, V. 4, 5, 20, VII. 19, IX. 83; in W. Africa, IV. 45, 66, 81, 113, IX. 101; in Egypt, IV. 192; on wolf in India, I. 154; an introduced species in New Zealand, X. 114; in Nyasaland, VIII. 33; in Somaliland, IV. 70; transmitting piroplasmosis, I. 206, II. 113, III. 5, 20, IV. 34, 64, V. 71, VIII. 67, IX. 83, 101, X. 218; infesting foxes, IX. 96; infesting hedgehogs, IV. 81; bionomics of, I. 112.
- Haemaphysalis leporispalustris*, Pack., in Canada, IV. 80; in U.S.A., III. 154, V. 80; on rabbits, III. 154, IV. 80; on

- ground-inhabiting birds, IV. 80; parasite of, IV. 34.
- Haemaphysalis neumanni*, Dön., on dogs in Japan, III. 4.
- Haemaphysalis otophila*, Schultze, in Hungary, IX. 116; in Macedonia, VIII. 194; on horses and dogs, VIII. 194, IX. 116.
- Haemaphysalis papuana*, Thoreli, in Queensland, VIII. 73, 74.
- Haemaphysalis punctata* (see *H. cinnabarina punctata*).
- haemaphysaloides*, *Rhipicephalus*.
- Haematobia irritans* (see *Lyperosia*).
- Haematobia sanguisugens*, Aust., in India, VIII. 31.
- Haematobia serrata*, R.-D. (see *Lyperosia irritans*).
- Haematobia stimulans*, Mg., feeding only on blood of horned cattle, I. 147.
- haematobiae*, *Spalangia*.
- haematodes*, *Sarcophaga* (*Ravinia*).
- Haematopinus aculeatus*, Neum., on jerboa in N. Africa, I. 43.
- Haematopinus asini*, L. (*macrocephalus*, Burm.), in Australia, I. 165, III. 17; in Mozambique, III. 96; in U.S.A., VI. 44, 169; hosts of, I. 165, III. 17, 96, IV. 178, VI. 44, 169; measures against, IV. 178; effect of temperature on eggs of, VIII. 22.
- Haematopinus eurysternus*, Nitzsch, IX. 203; in Australia, I. 165, III. 17; in Belgian Congo, V. 35; in British Guiana, V. 5; in Mozambique, III. 96; in Philippines, VII. 193; in U.S.A., III. 149, V. 168, VI. 89, 153, VIII. 9; on cattle, I. 165, III. 17, 96, 149, V. 5, 35, 168; measures against, VI. 89, 153.
- Haematopinus macrocephalus*, Burm. (see *H. asini*).
- Haematopinus microcephalus*, Garnett (see *Linognathus pedalis*).
- Haematopinus minor*, Fahrenholz, described as new from *Equus burchelli*, IX. 19.
- Haematopinus ovillus* (see *Linognathus*).
- Haematopinus pedalis* (see *Linognathus*).
- Haematopinus phacochaeri*, End., on wart-hog in S. Africa, IV. 120.
- Haematopinus* (*Linognathus*) *piliiferus*, Burm., in Australia, I. 165; in Britain, II. 132; in U.S.A., VI. 44, 183; on dogs, I. 165, II. 132, III. 4, 96, V. 104, VI. 44, 183; measures against, III. 96, 146; *Linognathus setosus* confused with, VII. 195.
- Haematopinus* (*Polyplax*) *spinulosus*, Denny, in Ceylon, V. 150; in Japan, VII. 87; in Philippines, VII. 193; on rats and mice, I. 103, 165, 186, V. 150, VII. 87; transmitting *Trypanosoma lewisi*, I. 122, 123.
- Haematopinus stenopsis* (see *Linognathus*).
- Haematopinus suis*, L. (*urius*, Nitzsch), in Australia, I. 165, III. 17, VII. 175, VIII. 52, 74; in Belgian Congo, V. 35; in Germany, III. 227; in British Guiana, V. 5; in Guam, V. 184; in Mozambique, III. 96; in Philippines, VII. 193; in Russia, X. 180; in U.S.A., III. 149, V. 168, VI. 170, VII. 92, 95, VIII. 107, 200, X. 176; not transmitting hog cholera, VIII. 99; transmitting disease, VII. 62, VIII. 52; bionomics of, VIII. 155, X. 176; measures against, VII. 92, 95, 175, VIII. 44, 107, 200; hydrocyanic acid gas against, IX. 31, 191, X. 156.
- Haematopinus suis* subsp. *chinensis*, Fahrenholz, described as new, IX. 19.
- Haematopinus suis* subsp. *germanicus*, Fahrenholz, described as new from pigs, IX. 19.
- Haematopinus* (*Trichodectes*) *tuberculatus*, Nitzsch, in Australia, I. 165, IV. 8; on imported buffaloes in Belgian Congo, V. 35; on imported buffaloes in British Guiana, V. 5; in Guam, V. 184; on cattle in Mozambique, III. 96; on buffaloes in Philippines, I. 13, VII. 193; on dromedary, I. 165; experimentally transmitting surra, I. 13.
- Haematopinus tenuirostris*, Piaget (see *Linognathus vituli*).
- Haematopinus urius*, Nitzsch (see *H. suis*).
- Haematopinus vituli* (see *Linognathus*).
- Haematopota* (*Chrysozona*), key to W. African species of, III. 121; in Belgian Congo, I. 141; oviposition habits of, in India, VI. 63; bionomics of, in Nyasaland, III. 116; bionomics of, in Russia, III. 196; probably mechanically transmitting trypanosomiasis of domestic animals, I. 126, 181, II. 151, III. 138, V. 13, 35, 107,

- 166, 176, VI. 31, 99, 120, VIII. 180, 211.**
- Haematopota abyssinica*, Surc., believed to transmit trypanosomiasis in Eritrea, V. **176.**
- Haematopota (Chrysozona) albihirta*, Karsch, in Somaliland, III. **136.**
- Haematopota alluaudi*, Surc., in Kenya, X. **16.**
- Haematopota americana*, O.S., in Canada, VI. **179.**
- Haematopota angustifrons*, Carter, described as new from Belgian Congo, III. **121.**
- Haematopota (Chrysozona) argentina*, Brèthes, described as new from Argentine, X. **171.**
- Haematopota beringeri*, Aust., described as new, I. **35**; in W. Africa, I. **35, V. 45.**
- Haematopota bigoti*, Gob., var. *monspellensis*, Villen., described as new from France, IX. **180.**
- Haematopota brunnescens*, Ric., in Kenya, X. **16.**
- Haematopota bullatifrons*, Aust., in Sierra Leone, IV. **45.**
- Haematopota cingalensis*, Ric., attacking cattle in Ceylon, IV. **123.**
- Haematopota corsoni*, Carter, described as new, III. **121**; in Gold Coast, III. **121, V. 45.**
- Haematopota crassicornis*, Wahlb., in Britain, X. **86**; in Russia, IX. **115.**
- Haematopota crassicus*, Edw., described as new from British E. Africa, V. **2.**
- Haematopota crudelis*, Aust., described as new from German E. Africa, I. **35**; early stages of, in Nyasaland, III. **116.**
- Haematopota daveyi*, Aust., described as new from Nyasaland, I. **35.**
- Haematopota decora*, Wlk., in Portuguese E. Africa, III. **172**; in Gold Coast, V. **45**; early stages of, in Nyasaland, III. **116**; in Zanzibar, III. **50.**
- Haematopota distincta*, Ric., in Portuguese E. Africa, III. **172.**
- Haematopota duttoni*, Newst., flagellates in, in Belgian Congo, I. **120, V. 11.**
- Haematopota edax*, Aust., described as new from Belgian Congo, II. **84.**
- Haematopota exiguicornuta*, Carter, described as new from N. Nigeria, III. **121.**
- Haematopota fasciata* *pex*, Edw., described as new from Nyasaland, V. **2.**
- Haematopota formosana*, Shiraki, described as new from Formosa, VIII. **119.**
- Haematopota gracilis*, Aust., in Gold Coast, V. **45**; in Nigeria, IV. **66, 112.**
- Haematopota grahami*, Aust., described as new from W. Africa, I. **35.**
- Haematopota harpax*, Aust., described as new from Belgian Congo, II. **84.**
- Haematopota hastata*, Aust., described as new from W. Africa, II. **84.**
- Haematopota hirta*, Ric., in Kenya, X. **16.**
- Haematopota ingluviosa*, Aust., described as new from Rhodesia, II. **84.**
- Haematopota innominata*, Aust., described as new from Palestine, VIII. **111.**
- Haematopota insatiabilis*, Aust., early stages of, in Nyasaland, III. **116.**
- Haematopota insidiatrix*, Aust., in N. Rhodesia, I. **171.**
- Haematopota irrorata*, Macq., in Sumatra, VII. **164.**
- Haematopota italica*, Mg., in Britain, I. **69**; harbouring flagellates in France, V. **11.**
- Haematopota javana*, Wied., bionomics of, in India, X. **66.**
- Haematopota lacessens*, Aust., in Nigeria, IV. **66, 112**; in Sierra Leone, IV. **45.**
- Haematopota (Chrysozona) lambi*, Villen., described as new from France, IX. **180.**
- Haematopota lala*, Ric., in Sumatra, VII. **164.**
- Haematopota mactans*, Aust., in N. Rhodesia, I. **171**; *Bembex* predacious on, in Nyasaland, III. **116.**
- Haematopota maculosifacies*, Aust., described as new from German E. Africa, II. **84.**
- Haematopota malayensis*, Ric., described as new from Malay States, IV. **65.**
- Haematopota minuscula*, Aust., described as new from Palestine, VIII. **111.**
- Haematopota minuscularia*, Aust., described as new from Palestine, VIII. **111.**

- Haematopota mordens*, Edw., described as new from Gold Coast, V. 2.
- Haematopota nefanda*, Edw., described as new from Uganda, V. 2.
- Haematopota nigripennis*, Aust., described as new from Uganda, II. 34.
- Haematopota obsoleta*, Edw., described as new from Nyasaland, V. 2.
- Haematopota pallidicornis*, Edw., described as new from Nyasaland and Rhodesia, V. 2.
- Haematopota pertinens*, Aust., in Nigeria, IV. 63, 112; possibly transmitting trypanosomiasis in Rhodesia, V. 166.
- Haematopota perturbans*, Edw., described as new, V. 2; in Belgian Congo, V. 2, VIII. 211; transmitting *Trypanosoma cazalboui pigritia*, V. 13, 35, VIII. 211.
- Haematopota pingucornis*, Carter, described as new from Gold Coast, III. 121.
- Haematopota pluvialis*, L., harbouring flagellates in Germany, V. 11; in Russia, III. 196, IX. 115; attacking man in Switzerland, X. 93; a probable carrier of Weil's disease, V. 113; attacking horses, VI. 169; bionomics of, III. 196; measures against, III. 196; anatomy of, I. 80.
- Haematopota pulchella*, Edw., described as new from Nyasaland, V. 2.
- Haematopota puniens*, Aust., in Nigeria, IV. 66, 113.
- Haematopota rabida*, Edw., described as new from Nyasaland, V. 2.
- Haematopota rhizophorae*, Senior-White, described as new from Ceylon, IX. 106.
- Haematopota rubens*, Aust., described as new from Nyasaland and Rhodesia, I. 35.
- Haematopota sakhalinensis*, Shiraki, described as new from Formosa, VIII. 119.
- Haematopota scutellaris*, Lw., in the Transvaal, III. 121.
- Haematopota sewelli*, Aust., described as new from Palestine, VIII. 111.
- Haematopota similis*, Ric., in Sierra Leone, IV. 45; in Kenya, X. 16.
- Haematopota stantoni*, Ric., described as new from the Malay States, IV. 65.
- Haematopota strigipennis*, Karsch, in French Equatorial Africa, II. 172, X. 147.
- Haematopota theobaldi*, Carter, described as new from Transvaal, III. 121.
- Haematopota torquens*, Aust., in Sierra Leone, IV. 45.
- Haematopota transvaalensis*, Carter, described as new from Transvaal, III. 121.
- Haematopota ugandae*, Ric., in Kenya, X. 16.
- Haematopota unizonata*, Ric., in Sumatra, VII. 164.
- Haematopota vandenbrandeni*, Rodh. & Beq. (MS.), in Belgian Congo, I. 120, V. 11; harbouring flagellates, V. 11.
- Haematopota vittata*, Lw., in Nigeria, IV. 66, 112.
- haematopotum*, *Simulium*.
- haematopotus*, *Culicoides*.
- Haemodipsus ventricosus*, Denny, on rabbit in New South Wales, I. 165; transmitting tularaemia in U.S.A., IX. 189.
- Haemogamasus*, on rats, I. 229.
- Haemogamasus hirsutus*, Berl., hosts of, in Britain, I. 103, III. 9, IV. 142.
- Haemogamasus horridus*, Mich., hosts of, in Britain, IV. 142.
- Haemogamasus liberiensis*, Hirst, described as new from *Mus trivirgatus* in Liberia, IV. 142.
- Haemogamasus nidi*, Mich., hosts of, in Britain, III. 9, IV. 141.
- Haemogamasus oudemansi*, Hirst, described as new, III. 9; on *Mus norvegicus* in Britain, III. 9, IV. 142.
- Haemogamasus sanguineus*, Ewing & Stover, described as new from *Mus rattus*, III. 128.
- Haemotaelaps capensis*, Hirst, described as new from *Georychus hottentotus* in Cape Colony, IV. 142.
- haemorrhoidalis*, *Atrichopogon*; *Gastrophilus*; *Megarhinus*; *Sarcophaga*.
- haesidatoris-desideratus*, *Ceratophyllus*.
- hagenowi*, *Tetrastichus* (*Entedon*).
- haitiensis*, *Megarhinus*; *Ornithoc-tona*.
- halifaxi*, *Lutzia* (*Culex*).
- halli*, *Christophersia* (see *Anopheles kochi*).
- Haltichella edax*, Wtrst., described as new, IV. 65; parasite of

- Glossina morsitans* in Nyasaland, IV. **65**.
hamiferus, *Atrichopogon*.
hamlyni, *Caenoprosopon*.
Hammatoceris, confused with *Triatoma* in Brazil, VI. **92**.
haningtoni, *Glossina*.
hannani, *Camponotus*.
hargreavesi, *Aedes* (*Ochlerotatus*) *caspius*.
Harmolita (*Isosoma*) *grandis*, Riley, *Pediculoides ventricosus* predacious on larvae of, I. **197**.
Harmolita (*Isosoma*) *tritici*, Fitch, *Pediculoides ventricosus* predacious on larvae of, I. **197**.
Harpactor (*Rhinocoris*) *albopilosus*, Sign., trypanosomes in, I. **140**.
Harpactor (*Rhinocoris*) *bicolor*, F., in Belgian Congo, I. **141**.
Harpactor (*Rhinocoris*) *segmentarius*, Germ., in Belgian Congo, I. **141**.
Harpactor (*Rhinocoris*) *venustus*, Stål, in Belgian Congo, I. **141**.
Harpagomyia, in Oriental Region, X. **229**.
Harpagomyia genurostris, Leic., in Sumatra, IV. **23**.
Harpagomyia taeniorostris, Theo., in E. Africa, VIII. **164**.
harpax, *Haematopota*.
Harrisonia, gen. n., X. **140**.
Harrisonia uncinata, Ferris, described as new from rodents in Ecuador, X. **140**.
harrisonia, *Colpocephalum*.
hüssleri, *Gedoelstia*.
hastata, *Corizoneura* (*Diatomineura*); *Haematopota*.
hastatus, *Ceratophyllus*.
hatorii, *Aedes*.
hearseyana, *Sphyracephala*.
hebes, *Mesopsylla*.
hebraeum, *Aniblyomma*.
hebraeus, *Polistes*.
hecate, *Onthophagus*.
Hediacoris imitans, Schout., in Belgian Congo, I. **141**.
heidenreichi, *Simulium*.
Heizmannia, notice of key to, X. **229**.
Heizmannia chandi, Edw., described as new from S.W. India, X. **198**; breeding in tree-holes, X. **198**.
Heizmannia himalayensis, Edw., described as new from N. India, X. **198**; breeding in tree-holes, X. **198**.
Helcoporpa, subgen. n., VII. **22**. (See *Culex*.)
helicis, *Sarcophaga*.
Helicobia australis, Johnst. & Tiegs, described as new from Queensland, IX. **215**; bred from meat, IX. **215**.
Helicobia quadrisetosa (see *Sarcophaga*).
Heliconiamyia, gen. n., VIII. **32**; notice of key to species of, VIII. **32**.
helophilus, *Culicoides*.
Helomyza gigantea, Mg., infesting fungi, I. **109**.
Helomyza lineata, R.-D., infesting fungi, I. **109**.
Helomyza olens, Mg., in houses in Britain, IV. **144**.
Helomyza tuberivora, R.-D. (see *H. gigantea*).
Helomyza ustulata, Mg., infesting fungi, I. **109**.
Helophilus pendulus, L., causing myiasis, I. **49**.
hemapterus, *Carnus*.
Henierocampa leucostigma, Smith & Abbot, urticating spines of, in U.S.A., X. **183**.
Hemileuca maia, Drury, urticating spines of, VI. **230**.
Hemileuca nevadensis, Stretch, urticating spines of, VI. **230**.
Hemileuca oliviae, Ckll., urticating spines of, injuring stock, VI. **230**.
Hemilexomyia, gen. n., IX. **65**.
Hemilexomyia abrupta, Dodd, described as new, IX. **65**; parasite of blow-flies in Australia, IX. **65**, **156**, X. **1**, **56**; value of, X. **2**, **134**.
Hemimerus talpoides, Wlk., on *Cricetomys gambianus* in Gold Coast, IV. **81**.
hemiptera, *Cimex* (*Clinocoris*).
hendersoni, *Aedes triseriatus*.
henscmacon, *Culex* (see *C. fatigans*).
Heptagenia, predacious on larvae of *Simulium simile* in Saskatchewan, X. **182**.
Heptaphlebomyia kingi Theo. (see *Culex argenteopunctatus*).
hermanni, *Chrysops*; *Pseudogametes*.
Hermetia illucens, L., *Monedula denticornis* predacious on, in Br. Guiana, VI. **18**.
hermsi, *Trichodectes*.
heroni, *Tabanus*.
hesperium, *Atrichopogon*.
heterochaeta, *Passeromyia* (*Muscina*).
Heterochrysops, notice of key to, IX. **46**. (See *Chrysops*.)
heterographus, *Lipeurus*.
Heteromyza filiformis, R.-D. (see *Thelida oculata*).

- Heteronychia*, substitution of *Ochlerotatus* for, IX. 87; notice of key to Canadian species of, IX. 113; a subgenus of *Aedes*, q.v.
- Heteropoda venatoria*, in Brazil, V. 28.
- heteropterus*, *Zygosis*.
- heteropus*, *Aedes* (Finlaya).
- hexactenus*, *Ischnopsyllus*.
- hexagonus*, *Ixodes*.
- Hexatoma*, in Russia, III. 195.
- hexodontus*, *Aedes*.
- heydeni*, *Anthomyia*.
- heymonsi*, *Simulium*.
- hieroglyphicus*, *Culicoides*.
- hilaris*, *Laelaps*; *Tabanus*.
- hilli*, *Culex* (*Lophoceratomyia*); *Mimeteomyia* (*Stegomyia*) (see *Rachionotomyia filipes*); *Musca* (see *M. ventrosa*); *Pygiopsylla*; *Silvius*; *Uranotaenia* (see *Aedes longirostris*).
- himalayensis*, *Heizmannia*.
- himella*, *Chrysomyia* (see *C. albiceps*).
- Hippelates*, and Florida sore-eye, II. 137.
- Hippobosca*, in Salonika, IV. 179; in Sierra Leone, IV. 150; on antelope in Uganda, II. 32; probably not conveying surra, I. 212; transmitting *Trypanosoma theileri*, IX. 207.
- Hippobosca camelina*, Leach, in Egypt, VI. 239; in Eritrea, IV. 156; in Palestine, IX. 194; in Somaliland, III. 136.
- Hippobosca capensis*, Olf., on dogs in Annam, I. 58; on dogs in Egypt, VI. 239; in Palestine, IX. 194; in Somaliland, III. 136.
- Hippobosca equina*, L., in Canary Islands, X. 31; in Egypt, VI. 239; in England, VI. 43; in Palestine, II. 100, IX. 194; in Philippines, VII. 193; in Queensland, V. 10, VIII. 73; infesting domestic animals, V. 10, VI. 43, 239; bionomics of, I. 234, VII. 174; polypneustic lobes of larva of, VI. 185.
- Hippobosca fulva*, Aust., described as new from N. Rhodesia, I. 29; on antelopes in Nyasaland, IV. 171.
- Hippobosca hirsuta*, Aust., on antelopes in N. Rhodesia, I. 172.
- Hippobosca maculata*, Leach, in Portuguese E. Africa, III. 172; in S. Africa, V. 11; in W. Africa, IV. 21, 113, VI. 225, IX. 101, X. 113; in Eritrea, IV. 156, V. 176; in India, IX. 80, X. 143; in Philippines, VII. 193; in Somaliland, III. 136; possibly transmitting trypanosomiasis, V. 11, 176, IX. 101; on domestic animals, IV. 21; breeding in birds' nests, IX. 80; polypneustic lobes of larva of, VI. 185.
- Hippobosca rufipes*, Olf., possibly transmitting *Trypanosoma theileri* in S. Africa, V. 11.
- Hippocentrum murphyi*, Aust., in Sierra Leone, IV. 45.
- Hippocentrum trimaculatum*, Newst., in Sierra Leone, IV. 45.
- Hippocentrum versicolor*, Aust., in Nigeria, IV. 66, V. 39, VI. 225.
- hippopotamense*, *Cosmiomma* (*Hyalomma*).
- hippopotami*, *Rhinoestrus*.
- hippovorum*, *Simulium*.
- hirsuta*, *Forcipomyia*; *Hippobosca*; *Hoplopleura*.
- hirsuteron*, *Aedes*.
- hirsutum*, *Simulium*.
- hirsutus*, *Aedes* (*Ochlerotatus*); *Hæmogamasus*; *Silvius*.
- hirta*, *Haematopota*; *Spalangia*.
- hirticornis*, *Cantharis*.
- hirtipennis*, *Euforcipomyia*.
- hirtipes*, *Culicoides*; *Sarcophaga*; *Simulium*.
- hirtitibia*, *Ophyra*.
- kirtulus*, *Tabanus*.
- kirtum*, *Amblyomma*.
- hirundinis*, *Ceratophyllus*; *Cimex* (*Oecacus*); *Dermanyssus*; *Stenopteryx*.
- hispaniola*, *Anopheles*.
- hispidia*, *Mimomyia*.
- Hister cadaverinus*, Hoffm., predacious on flies in Britain, VIII. 22; in dead bodies, IX. 121.
- Histiogaster entomophagus*, Lab., a pest of stored food-stuffs in Britain, IX. 10.
- hobartiensis*, *Tabanus*.
- Hodgesia*, in Queensland, VI. 227; notice of key to, X. 229.
- Hodgesia ampyx*, Dyar, described as new from Philippines, IX. 51.
- Hodgesia quasiansanguinae*, Leic., in N. Australia, IV. 11; in Papua, II. 135, III. 154; described as *H. triangulata*, sp. n., II. 135.
- Hodgesia triangulata*, Tayl., described as new from Papua, II. 135; a synonym of *H. quasiansanguinae*, q.v..
- Hodotermes pretoriensis*, Full., intermediate host of *Filaria gallinarum* in S. Africa and Belgian Congo, VIII. 8, IX. 164.

- Holcocranum saturejæ*, Kol., in nests of *Parus pendulinus* in Russia, IX. **60**.
- Holoconops*, notice of key to, X. **50**.
- Holoconops mediterraneus*, Kieff., described as new, X. **50**; attacking man in Algeria, X. **50, 166**.
- Holoconops transversalis*, Kieff., described as new from Tunis, IX. **171**.
- holocyclus*, *Ixodes*.
- hologaster*, *Goniocotes* (see *G. gallinae*).
- hololeucus*, *Niptus*.
- holoneus*, *Culex* (*Choeroporpa*).
- holoptera*, *Olfersia*.
- holosericeum*, *Trombidium*.
- Holotaspis*, infesting house-flies in Britain, IV. **146**; attacking *Stomoxys calcitrans*, IX. **44**.
- Holothyrus coccinella*, Gerv., infesting ducks in Mauritius, VII. **134**.
- Holotrichius*, not known to attack man in Algeria, IV. **139**.
- Homalomyia* (see *Fannia*).
- hominis*, *Dermatobia*; *Pediculus* (error for *P. humanus*); *Pulex* (see *P. irritans*); *Sarcophaga scabiei*.
- hominivorax*, *Lucilia* (see *Cochliomyia macellaria*).
- Homoeomma nigrum*, Walck, in Brazil, V. **28**.
- homoeopas*, *Culex* (*Melanoconion*).
- homoeopus*, *Aedes terreus*.
- homoium*, *Atrichopogon*.
- honkongiensis*, *Tabanus*.
- hookeri*, *Hunterellus*.
- Hoplopleura*, notice of monograph of, X. **11**.
- Hoplopleura acanthopus*, Burm., on *Pitymys savii* in Italy, VIII. **201**.
- Hoplopleura enormis*, Kellogg & Ferris, described as new from *Arvicanthus dorsalis* in Zululand, IV. **120**.
- Hoplopleura hirsuta*, Ferris, described as new from *Sigmodon hispidus* in N. America, IV. **177**.
- Hoplopleura intermedia*, Kellogg & Ferris, described as new, IV. **120**; on *Mus coucha* in S. Africa, IV. **120, 121**.
- Hoplopsyllus*, VII. **121**.
- Hoplopsyllus anomalus*, Baker, and plague, IV. **4**, VIII. **3**.
- horei*, *Megarhinus*.
- horishensis*, *Aedes*.
- Hormopsylla*, gen. n., IX. **61**.
- horridus*, *Culex*; *Echinophthirius*; *Haemogamasus*.
- horrifer*, *Clinocoris* (see *Cimex hemiptera*).
- hortator*, *Aedes*.
- hortensis*, Edw., *Culex* (see *C. apicalis*).
- hortensis*, Fic., *Culex*.
- horticola*, *Culicoides*.
- hortona*, *Calliphora*.
- hortorum*, *Morellia*.
- hortulana*, Goetgh., *Palpomyia* (see *P. semifumosa*).
- hortulana*, Mg., *Palpomyia* (see *P. flavipes*).
- hortulanus*, *Bibio*.
- howardi*, *Ixodes pilosus*.
- Howardina*, a subgenus of *Aedes* (q.v.), IX. **9**.
- howletti*, *Haemaphysalis*.
- huberi*, *Raymondia*.
- Hulecoeteomyia*, new species of, in Queensland, VI. **74**. (See *Aedes*.)
- humanus*, *Pediculus*.
- humator*, *Necrophorus*.
- humerales*, *Amblyomma*.
- humeralis*, *Aedes* (*Chaetocruimyia*); *Taeniorhynchus* (*Mansonia*).
- humilis*, *Culex* (*Melanoconion*); *Dieuches*; *Iridomyrmex*.
- humilis*, *Musca*.
- Hunterellus hookeri*, Howard, a parasite of *Rhipicephalus sanguineus* in Brazil, IV. **39**.
- hunteri*, *Anopheles* (see *A. separatus*); *Dermacentor*.
- hyaenae*, *Vermipsylla*.
- Hyalomma*, on cattle in E. Africa, VIII. **148**; absent from Argentina, Brazil and Chile, II. **129**; on gundi in Tunis, VI. **28**; notice of key to, IX. **44**.
- Hyalomma aegyptium*, L., in E. Africa, III. **218**; in S. Africa, I. **84**, VII. **19**; in W. Africa, IV. **15, 42, 66, 113**, IX. **101**; in Arabia, III. **128**; introduced into Argentina on camels, II. **129**; in N. Australia, II. **12**; in Ceylon, X. **67**; in Egypt, III. **77**, IV. **192**, X. **133**; in Hungary and Rumania, IX. **116**; in Libya, IV. **15**; in Macedonia, VIII. **194**; in Mesopotamia, IX. **146**; in Mytilene, VIII. **146**; probably an introduced species in New Zealand, X. **114**; in Nyasaland, VIII. **33**; in Palestine, III. **128**; in Rhodesia, VII. **43**, VIII. **199**; in Russia, II. **98, 104**, X. **102**; in Italian Somaliland, IV. **70**; in Somaliland, II.

- 9; in Smyrna, IV. 55; in Turkestan, V. 98; in West Indies, II. 129; transmission of *Crithidia hyalommae* by, I. 163, 199, II. 45; probably infecting horses with *Nuttallia equi*, IV. 64, X. 102; and piroplasmosis, II. 98, 104, IV. 15, 42, V. 71, VIII. 165, 166, IX. 101, X. 127, 133; hosts of, I. 112, III. 4, 77, IV. 55, 192, VII. 19, VIII. 146, 194, 199, IX. 146; bionomics of, I. 84, 112, VIII. 23, IX. 140; development of pads on feet of, VIII. 89; regeneration of limbs of, VIII. 133; malformations in, VIII. 218, X. 147; dipping against, I. 84, III. 218, VII. 43.
- Hyalomma aegyptium albiparmatum*, Schulze, described as new from E. Africa, IX. 45.
- Hyalomma aegyptium dromedarii*, Neum., imported into Argentina on camels from W. Africa, II. 129; on horses in Turkestan, V. 98.
- Hyalomma aegyptium impressum*, Koch, on horses in Macedonia, VIII. 194.
- Hyalomma aegyptium mesopotamium*, Schulze, described as new from Mesopotamia, IX. 45.
- Hyalomma depressum*, Schulze, described as new from Spain, Canary Islands and N. Africa, IX. 45.
- Hyalomma detritum*, Schulze, described as new from Macedonia and Oriental Region, IX. 45.
- Hyalomma detritum albipictum*, Schulze, described as new from China, IX. 45.
- Hyalomma dromedarii*, Neum. (see *H. aegyptium dromedarii*).
- Hyalomma hippopotamense* (see *Cosmiomma*).
- Hyalomma longirostre* (see *Amblyomma*).
- Hyalomma monstrosus* (see *Nosomma*).
- Hyalomma nitidum*, Schulze, described as new from buffaloes in Kamerun, IX. 45.
- Hyalomma planum*, Schulze, described as new from E. Africa, IX. 45.
- Hyalomma pusillum*, Schulze, described as new from Arabia, IX. 45.
- Hyalomma pusillum alexandrinum*, Schulze, described as new from Egypt, IX. 45.
- Hyalomma scupense*, Schulze, on horses in Macedonia, VIII. 194.
- Hyalomma syriacum*, Koch, on domestic animals in Mytilene, VIII. 146; on camels in Turkestan, V. 98.
- Hyalomyia rufiventris*, Macq., placed in genus *Austrophasia*, IV. 159.
- hybridus*, *Aedes* (*Culicada*) (see *A. queenslandis*); *Armigeres*; *Pirates*; *Tabanus*.
- Hydaticus*, larvae of, predacious on mosquito larvae, VI. 39.
- Hydrophilus*, predacious on mosquito larvae, VIII. 63.
- Hydrophilus piceus*, L., not experimentally infected with *Leptomonas pyrrhocoris*, IX. 144.
- Hydrotaea armipes*, F., in Britain, IV. 108.
- Hydrotaea dentipes*, F., in Britain, IV. 143, VII. 191, VIII. 22, X. 87; in Germany, IX. 44; predacious on Muscids, I. 149, 150, II. 134, VIII. 103, IX. 44; bionomics of, I. 149-151, IV. 143; natural enemies of, I. 109, VII. 191, VIII. 22; experiments against, X. 87; larva of, I. 110.
- Hydrotaea irritans*, Fall., in houses in Britain, IV. 144.
- Hydrotaea meteorica*, L., in Russia, III. 196; attacking cattle in U.S.A., IV. 107; causing myiasis in man, III. 32.
- Hylemyia nidicola*, Aldrich, described as new, VIII. 68; referred to *Carnus*, q.v.
- hylephilus*, *Anopheles* (*Dendropædium*).
- Hylesia*, causing dermatosis in French Guiana, VI. 106.
- Hyletastes missouriensis*, Ewing, infesting man in U.S.A., VIII. 180.
- Hyloconops longipalpis* (see *Goeldia*).
- hyoscyami*, *Pegomyia*.
- Hyphantria cunea*, Drury, parasite of, in Florida, VIII. 137.
- Hyphantria textor*, Harr., hyperparasite of, IX. 45.
- Hypoasis hypudaei*, Oudms., on rats in Britain, III. 9.
- hypocindyna*, *Taeniorhynchus*.
- Hypoderma*, in British Isles, V. 155, VI. 188, X. 57; in Canada, IV. 122, IX. 65; in Denmark, VIII. 82, 83, X. 114; in France, X. 138; in U.S.A., V. 58, IX. 50, X. 68; causing rose fever in cattle, VIII. 82, 83; percentage of hides damaged by, X. 56; larva of, in the human eye, I. 6, VI. 194; bionomics of, V. 155;

- measures against, V. 123, 155, VI. 188, IX. 65, X. 68, 109, 138.
- Hypoderma actaeon*, Brauer, larval stages of, X. 212.
- Hypoderma bovis*, DeG., VI. 7, VII. 162, X. 231; in S. Africa, II. 182, 203; rare in Brazil, V. 28; in British Isles, II. 185, III. 19, 22, 86, 206, VI. 17, VIII. 59, IX. 22, 115, X. 57, 163; legislation against introduction of, into Australia, IV. 73; in Canada, I. 60, II. 56, III. 109, 155, IV. 194, 195, V. 105, VI. 40, 44, 45, VII. 28, 194, X. 11; in Denmark, IX. 117; in Egypt, VI. 239; in Germany, I. 160, VIII. 135; in imported cattle in Dutch E. Indies, X. 232; in Italy, III. 152, IX. 46; imported into Jamaica from U.S.A., VII. 178; in Russia, IX. 115, X. 180; in Switzerland, VIII. 207; in U.S.A., II. 56, III. 85, V. 89, IX. 171, 192, X. 184; infesting man, IX. 117, X. 162; infesting horses, III. 185; bionomics of, I. 160, 234, II. 199, III. 19, 22, IV. 195, VI. 45, IX. 22, X. 163; larva of, VI. 139, IX. 115, 171, X. 111, 135, 164, 212; egg of, VI. 166; measures against, I. 160, 218, II. 90, V. 177, VI. 17, VII. 92, VIII. 59, 135, IX. 22, 192, X. 57, 164, 184.
- Hypoderma corrinae*, Crivelli, infesting *Gazella dorcas* in Sudan, VII. 170.
- Hypoderma crossi*, Patton, described as new, X. 231; bionomics of, in goats in Punjab, X. 223, 231.
- Hypoderma diana*, Brauer, hosts of, in British Isles, III. 206, X. 57; in Germany, I. 160, X. 212; bionomics of, I. 160; larval stages of, X. 212.
- Hypoderma gazellae*, Geddoelst, described as new from *Gazella granti* in E. Africa, VII. 116.
- Hypoderma lineatum*, Vill., VI. 7, VII. 162, X. 231; in S. Africa, II. 182; not present in W. Africa, III. 100; in British Isles, III. 19, 22, 206, VI. 17, VIII. 59, IX. 22, X. 57; in Canada, I. 60, II. 197, III. 109, IV. 194, 195, V. 105, VI. 40, 44, 45, VII. 28, 43, IX. 22, X. 11; in Germany, I. 160; imported into Hawaii, IX. 181; in U.S.A., II. 56, III. 85, 149, V. 89, IX. 171, 182, 192, 203, X. 68, 122, 184; occasionally infesting man, III. 159; attacking horses, IX. 203; bionomics of, I. 160, II. 199, III. 19, 22, IV. 195, VI. 45, IX. 22; larva of, VI. 139, IX. 171, X. 111, 135; egg of, VI. 166; measures against, VI. 17, VIII. 59, IX. 22, 182, 192, X. 57, 68, 109, 122, 184.
- hypomacros*, *Tabanus*.
- hypudaei*, *Hypoasis*.
- hyrcanus*, *Anopheles* (*Myzorhynchus*).
- Hystatomyia*, gen. n., VIII. 32.
- Hystatomyia lamellata*, B.-W. & B., described as new from Dutch Guiana, VIII. 59.
- hystera*, *Uranotaenia*.
- Hystrichopsylla*, notice of key to species of, IX. 95.
- Hystrichopsylla mammoth*, Chapin, described as new from *Aplodontia californica* in California, IX. 95.
- Hystrichopsylla satunini*, Wagner, described as new from *Hyaena vulgaris* in Caucasia, IV. 151.
- Hystrichopsylla schefferi*, Chapin, described as new from *Aplodontia rufa* in U.S.A., VII. 121.
- Hystrichopsylla talpae*, Curt., on moles and rats in British Isles, I. 103, IX. 47, 196.
- Hystrichopsylla tripectinata*, Tirab., on *Pitymys savii* in Italy, VIII. 201.
- I.
- ianthina*, *Diatomineura*.
- iberica*, *Palaeopsylla*.
- icela*, *Calliphora*.
- Ichoronyssus* (*Liponyssus*) *isabellinus*, Oudms., and *tularaemia*, X. 97.
- ictericus*, *Tabanus*.
- icterodes*, *Docophorus*.
- idahoënsis*, *Aedes*.
- identicus*, *Sabethinus* (see *S. aurens*).
- idoneus*, *Ceratophyllus*.
- idottus*, *Culex* (*Choeroporpa*).
- igniculus*, *Pelecorrhynchus*.
- ignotus*, *Cacodmus*; *Ceratophyllus*; *Tabanus*.
- illotus*, *Tabanus*.
- illucens*, *Hermetia*.
- imitans*, *Hediocoris*; *Paratricyclea*.
- imitator*, *Culex*; *Silvius*.
- immaculatus*, *Anopheles*; *Atrichopogon*; *Diachlorus*.
- immisericors*, Theo. nec Wlk., *Toxorhynchites* (see *Megarhinus regius*).

- imparunguis*, *Palpomyia*.
impatiens, *Sarcophaga*; *Theobaldia* (*Culiseta*).
impellens, *Culex*.
imperfectus, *Sabethoides*.
impiger, *Aedes* (*Ochlerotatus*).
imponens, *Tabanus*.
importunus, *Tabanus*.
impressum, *Hyalomma aegyptium*.
impressus, *Culicoides*; *Tabanus*.
impuncta, *Mydaea*.
impunctatus, *Culicoides*.
incerta, *Musca*.
incidens, *Theobaldia* (*Culiseta*).
incisoralis, *Calliphora* (see *Chrysomyia incisuralis*).
incisuralis, *Chrysomyia*.
incisurata, *Fannia*.
incomptifeminibus, *Forcipomyia*.
incomspicua, *Dasyhelea*; *Eumelanomyia* (see *Culex albiventris*).
inconspicuus, *Culex* (*Aedes*, *Micraedes*); *Lasiohelea* (*Centrorhynchus*).
increpitus, *Aedes*.
incriminator, *Culex* (*Melanoconion*) (see *C. peccator*).
incrustatum, *Simulium*.
indecorabilis, *Culex* (*Choeroporpa*, *Melanoconion*).
indefinitus, *Anopheles rossi* (see *A. vagus*); *Tabanus*.
indianus, *Tabanus*.
indica, *Lucilia* (see *L. argyricephala*); *Musca* (*Awatia*, *Philaematomyia*) (see *M. cingalaisina*); *Schön-gastia*; *Theobaldia*.
indicum, *Simulium*.
indicus, *Aedes*; *Chaoborus*.
indiensis, *Anopheles*.
inducta, *Lucilia*.
indus, *Chrysops*.
inelegans, *Culex*.
inermicollis, *Palpomyia*.
inermis, *Gastrophilus*; *Haemaphysalis*.
inexorabile, *Simulium*.
infantulus, *Culex* (*Lophoceratomyia*).
inferior, *Musca* (*Philaematomyia*, *Ptilolepis*).
infestans, *Triatoma*.
inflata, *Diatomineura*.
inflexus, *Dirhinus*.
inflictus, *Culex*.
infotatus, *Culex* (*Carrollia*).
infulata, *Cuterebra*.
infusca, *Pangonia*.
infuscata, *Lucilia* (see *L. caesar* and *Phormia regina*); *Probezzia*.
ingluviola, *Haematopota*.
ingrani, *Culex*; *Forcipomyia*; *Phlebotomus*.
Ingramia (*Mimomyia*) *uniformis*, Theo., in Nyasaland, X. 62.
inguinalis, *Phthirus* (*Phthirius*) (see *P. pubis*).
inimitabilis, *Culex*.
innominata, *Haematopota*.
innotatus, *Tabanus* (*Theriopteles*).
innuitus, *Aedes* (see *A. alpinus*).
inodorus, *Cimex* (*Acanthia*).
inopina, *Neopsylla*.
inornata, *Bouvierella*; *Chrysops magnifica*; *Corizoneura* (*Diatomineura*, *Pangonia*); *Gnophodeomyia* (see *Culex aikenii*); *Theobaldia* (*Culiseta*).
inornatipennis, *Culicoides*; *Forcipomyia*.
inornatum, *Aponomma*.
inornatus, *Aedes* (*Culicada*) (see *A. campitorhynchus*); *Ctenophthalmus*; *Eretmopodites*.
inquinatus, *Aedes* (*Finlaya*).
inquisitor, *Culex*.
insatiabilis, *Culex*; *Haematopota*.
insecutor, *Tabanus*.
insidiator, *Tabanus*.
insidiatrix, *Haematopota*.
insidiosus, *Triphleps*.
insignis, *Culex*; *Culicoides*; *Musca* (*Philaematomyia*) (see *M. crassirostris*); *Tabanus*.
insolita, *Verallina*.
insuetus, *Tabanus*.
insulae-florum, *Anopheles* (*Stethomyia*) *aikeni*.
insularis, *Atrichopogon*.
insurgens, *Tabanus*.
integella, *Rhadinopsylla*.
integrum, *Amblyomma*.
intermedia, *Doratomyia*; *Haemaphysalis bispinosa*; *Hoplopleura*; *Trombicula*; *Wohlfahrtia*.
intermedius, *Anopheles* (*Arribalzagia*, *Cyclolepteron*); *Ixodes*; *Phlebotomus*.
interruptus, *Chrysops* (*Heterochrysops*); *Oestrus*.
intertropica, *Olfersia*.
intestinalis, *Gastrophilus*.
intrincatus, *Culex* (*Choeroporpa*).
intrudens, *Aedes*.
invenustum, *Simulium*.
invidiosus, *Culex decens*.
ioliota, *Aedes*.
iota, *Sarcophaga*.
Iphidulus vepallidus, the proto-nymph stage of *Laelaps stabularis* (q.v.), VIII. 221.
Iphis cubicularis, Berl., the tritonymph stage of *Laelaps stabularis* (q.v.), VIII. 221.

- Iphis foenalis*, the deuteronymph stage of *Laelaps stabularis* (q.v.), VIII. 221.
- iracundus*, *Taeniorhynchus*.
- iridatus*, *Sargus*.
- iridescens*, *Culex* (*Carrollia*).
- iridicolor*, *Haemagogus*.
- iridipennis*, *Aedes* (*Heteronycha*).
- Iridomyrmex detectus*, Smith, predacious on Muscids in Australia, III. 185, VI. 119.
- Iridomyrmex humilis*, Mayr, in houses in Jamaica, IX. 31; conveying anthrax in U.S.A., VIII. 105.
- iris*, *Megarhinus*.
- irrequieta*, *Sarcophaga*.
- irritans*, *Aedes* (*Ochlerotatus*); *Hydrotaea*; *Leptus*; *Lyperosia* (*Haematobia*); *Pulex*.
- irrorata*, *Haematopota*.
- isabellinus*, *Ichoronyssus* (*Liponyssus*).
- Ischnopsyllus comans*, J. & R., described as new from bats in China, IX. 61.
- Ischnopsyllus emminus*, J. & R., described as new from bats in Natal, IX. 61.
- Ischnopsyllus grahami*, Waterst., described as new from bats in S. Africa, III. 134.
- Ischnopsyllus hexactenus*, Kolen., infesting bats in England, IX. 47.
- Ischnopsyllus isomalus*, Waterst., described as new from bats in S. Africa, III. 134.
- Ischnopsyllus simplex*, Roths., infesting bats in England, IX. 47.
- isomalus*, *Ischnopsyllus*.
- Isometrus maculatus*, DeG., destroying mosquitos in Sierra Leone, IV. 163.
- Isosoma* (see *Harmolita*).
- Isostomyia bifoliata* (see *Culex*).
- Isshikia*, gen. n., VIII. 119.
- Isshikia* (*Dichelacera*) *japonica*, Big., in Formosa, VIII. 119.
- italica*, *Haematopota*.
- italicus*, *Calliptamus* (*Caloptenus*).
- Ixodes*, IV. 34; on snake in S.E. Africa, III. 222; on cattle in Antigua, VIII. 79; on rats in Malta, VI. 43; in Montana, V. 80; measures against, on sheep, V. 122.
- Ixodes anatis*, Chilton, hosts of, in New Zealand, IV. 55, X. 114.
- Ixodes angustus*, Neum., life-cycle of, in Canada, IV. 80.
- Ixodes aptericola*, Mask., on kiwi in New Zealand, X. 114.
- Ixodes apteridis*, Mask., on kiwi in New Zealand, X. 114.
- Ixodes auritulus*, Neum., hosts of, in Canada, IV. 80; distribution of, IV. 55.
- Ixodes caledonicus*, Nutt., hosts of, in Britain, IV. 142.
- Ixodes canisuga*, Johnst., VIII. 89; on foxes, IX. 96; bionomics of, I. 111, 112.
- Ixodes columbae* (see *Argas*).
- Ixodes cookei* (see *I. hexagonus* var. *cookei*).
- Ixodes corniger*, Kol., in Turkey, VI. 13.
- Ixodes coxaefurcatus*, Neum. (see *I. loricatus*).
- Ixodes daueyi*, Nutt., described as new from Uganda, I. 155.
- Ixodes dentatus*, Marx, var. *spinipalpis*, Nutt., described as new from Canada, IV. 55; hosts of, IV. 55.
- Ixodes eichhorni*, Nutt., described as new from New Guinea, IV. 55; on man, IV. 55.
- Ixodes eudyptidis*, Mask., on penquins in New Zealand, IV. 55, X. 114.
- Ixodes granulatus*, Supino, hosts of, in India, IV. 55.
- Ixodes hexagonus*, Leach, VIII. 89; in Britain, III. 24, IV. 142, 194; in Canada, IV. 80; in Hungary, IX. 116; in Switzerland, VII. 125; in U.S.A., II. 102a; hosts of, II. 102a, III. 4, 24, IV. 80, 142, 194, V. 15, IX. 96, 116; transmitting *Piroplasma* spp., V. 71; bionomics of, I. 111, 112.
- Ixodes hexagonus* var. *cookei*, Pack., hosts of, in N. America, III. 154, IV. 80, VI. 183.
- Ixodes hexagonus dardanicus*, Schulze, on horses in Macedonia, VIII. 194.
- Ixodes holocyclus*, Neum., in Australia, I. 26, II. 12, III. 4, V. 24, VII. 174, VIII. 73, IX. 140; on man, I. 26; other hosts of, I. 26, III. 4, V. 24, VII. 174; causing paralysis, I. 189, IX. 140.
- Ixodes intermedius*, Neum., in New Zealand, X. 114.
- Ixodes japonensis*, Neum., distribution of, IV. 55.
- Ixodes kempfi*, Nutt., described as new from India, I. 155.
- Ixodes kingi*, Bishopp, infesting dogs in U.S.A., VI. 183.
- Ixodes loricatus*, Neum., in Argentina, VI. 188.

Ixodes marxi, Banks, in Canada, IV. 80; infesting squirrels and foxes, IV. 80, IX. 96.
Ixodes nairobiensis, Nutt., described as new from dog in E. Africa, IV. 55.
Ixodes nuttalli, Lahille, in Peru, IV. 55.
Ixodes oldi, Nutt., described as new from Sierra Leone, I. 155.
Ixodes ovatus, Neum., attacking dogs in Japan, III. 4.
Ixodes percavatus, Neum., var. *rothschildi*, Nutt. & Warb., on puffin in Britain, IV. 142.
Ixodes pilosus, Koch, infesting dogs in N. Africa, III. 4; and paralysis in S. Africa, II. 105, IX. 83.
Ixodes pilosus howardi, Neum., infesting dogs in S. Africa, III. 4.
Ixodes pratti, Banks, hosts of, in Canada, IV. 80, VI. 183.
Ixodes putus, Cambr., hosts of, in Britain, IV. 142; bionomics of, I. 111.
Ixodes rarus, Neum., on dogs in the Congo, III. 4; in Kamerun, X. 113.
Ixodes redwius, L. (see *I. ricinus*).
Ixodes ricinoides, Nutt., described as new from China, I. 155.
Ixodes (Rhipicephalus) ricinus, L., III. 44, VIII. 89; in Annam, I. 58; in British Isles, III. 24, IV. 142, VII. 17, VIII. 56, X. 14, 57, 148; in Canada, IV. 80, VI. 183; in France, III. 5, X. 30; in Germany, V. 121; in Holland, VII. 130; in Hungary, IX. 20, 116; in Macedonia, VIII. 194; in New Zealand, VI. 115, VII. 180, X. 114; and rinderpest in Poland, X. 159; in Porto Rico, X. 209; in Russia, II. 119, X. 102; in Switzerland, VII. 125; in U.S.A., II. 102, VI. 169; leishman granules found in, I. 33; and piroplasmiasis, I. 112, 205, II. 119, III. 5, V. 33, 71, VI. 183, VII. 125, 130, VIII. 165, IX. 116, X. 14, 102; causing paralysis, I. 189; and louping-ill of sheep, VII. 17, 147, VIII. 56; probably not transmitting *Nuttallia equi*, VIII. 45, 194; not experimentally transmitting *Piroplasma caballi* and *P. canis*, VIII. 67, 152; hosts of, I. 58, II. 102, III. 4, 24, IV. 80, 142, VI. 115, 169, 183, VIII. 194, IX. 20, 96, X. 30, 148, 209; bionomics of, V. 121, VII. 17, 130; resistance of, to starvation,

III. 226; hides damaged by, X. 57; measures against, VII. 17; *Acarus marginatus* a synonym of, X. 218.
Ixodes ricinus var. *gibbosus*, Nutt., on goats in Asia Minor, IV. 55.
Ixodes scapularis, Say, infesting dogs in U.S.A., III. 4, VI. 183.
Ixodes tasmani, Neum., hosts of, in Australia, IV. 55.
Ixodes tenuirostris, Neum., on rats in Britain, I. 103, III. 9.
Ixodes texanus, Banks, hosts of, in Canada, IV. 80.
Ixodes unicavatus, Neum., on *Phalacrocorax graculus* in Britain, IV. 142.
Ixodes (Eschatocephalus) vesperilionis, Koch, in Britain, IV. 142; on dogs in Hungary, IX. 116; bionomics of, on bats, IV. 142, V. 14.
Ixodes victoriensis, Nutt., described as new from *Phascolomys* in Australia, IV. 55.
Ixodiphagus caucurtei, du Buysson, parasite of ticks, III. 44, IV. 34.
Ixodiphagus texanus, Howard, parasite of *Haemaphysalis leporis-palustris*, IV. 34.
ixyostactes, *Neotabanus*.
iyensis, *Tabanus*.

J.

jacksoni, *Erephopsis* (see *Osca maculiventris*).
jacobeae, *Tyria*.
jaculus, *Mirperus*.
jamaicensis, *Culicoides loughnani*; *Psorophora* (*Aedes*, *Grahamia*, *Ochlerotatus*).
jamesi, List., *Anopheles* (see *A. fuliginosus*).
jamesi, Theo., *Anopheles* (*Nyssorhynchus*).
janthinomys, *Haemagogus*.
Janthinosoma, a subgenus of *Psorophora*, q.v.
januarii, *Dichelacera*.
japonensis, *Ixodes*.
japonica, *Isshikia* (*Dichelacera*).
japonicus, *Aedes*.
javana, *Haematopota*.
javanicus, *Culicoides*.
jejuna, *Ochromyia*.
jejunus, *Lipeurus*.
jenningsi, *Culex*; *Simulium*.
jenseni, *Culex* (*Lophoceratomyia*).
jepsoni, Theo., *Culex* (see *C. sitiens*).

- jepsoni*, Bahr et auct., *Culex* (see *C. annulirostris*).
jesoensis, *Anopheles* (see *A. hyrcanus*).
jexporensis, *Anopheles* (*Pyretophorus*).
Joblotia, percentage of, in Panama Canal Zone, VII. 127.
Joblotia digitata (see *Trichoproson*).
johannis, *Bibio*.
johannseni, *Simulium*.
Johannseniella, attacking man in Africa, VI. 83; in Florida, II. 78; blood-sucking habits of, I. 66.
Johannseniella fluviatilis, Lutz, described as new from Brazil, III. 82.
Johannseniella fulvithorax (see *Culicoides*).
Johannsenomyia albibasis, Malloch, described as new from Illinois, IV. 55.
Johannsenomyia annulicornis, Malloch, described as new from Illinois, VI. 169.
Johannsenomyia litoraurea (see *Sphaeromyias*).
jonesi, *Polyplax*; *Silvius*.
jonistes, *Culex* (*Choeroporpa*).
jubilator, *Culex*.
jucundus, *Tabanus*.
judicandus, *Culicoides*.
jugorum, *Aedes* (*Culex*, *Ochlerotatus*) *pullatus*.
jugraensis, *Armigeres*.
juxtamansoni, *Taeniorhynchus*.

K.

- kappa*, *Sarcophaga*.
karwari, *Anopheles* (*Nyssorhynchus*).
kasauliensis, *Musca* (see *M. ventrosa*).
kelainosoma, *Atrichopogon*.
kelloggi, *Enderleinellus*.
kellyi, *Sarcophaga*.
kempi, *Ixodes*; *Megarhinus* (*Toxorhynchites*).
Kempia ochrosoma, I. & M., described as new from Gold Coast, X. 61; breeding-places of, X. 61.
Kempia pusilla, Kieff., described as new from Kamerun, X. 51.
kerteszi, *Leptoconops*; *Tabanus* (*Ochrops*).
Kerteszia, a subgenus of *Anopheles* (q.v.), VII. 23.
Kerteszia boliviensis, Theo., confused with *Anopheles lutzi*, VII. 25.

- kewensis*, *Tabanus*.
khazani, *Aedes* (*Finlaya*); *Culex*.
kiefferi, Goetgh., *Culicoides* (see *C. stigma*).
kiefferi, Patton, *Culicoides*.
kingi, *Culex* (*Heptaphlebomyia*) (see *C. argenteopunctatus*); *Ixodes*.
Kingia gregorvi, Ludl., in Philip-pines, X. 229; *Topomyia argyropalpis* possibly a synonym of, X. 229.
Kingia maculoabdominalis (see *Aedes*).
kingianus, *Culex*.
kingsleyi, *Tabanus*.
kinneari, *Haemaphysalis*.
Kirkia, gen. n., II. 91; a synonym of *Kirkioestrus*, q.v.
Kirkioestrus, n. n. for *Kirkia*, IV. 22; type of ungulate infested by, V. 50.
Kirkioestrus (*Kirkia*) *blanchardi*, Gedeelst, described as new, II. 91; infesting antelopes in Tropical Africa, II. 91, III. 99, 146, 198, VII. 116; probably a synonym of *K. surcoufi*, IV. 22.
Kirkioestrus (*Kirkia*) *minutus*, Rodh., described as new, III. 146; in Tropical Africa, III. 146, 198, IV. 22.
Kirkioestrus (*Kirkia*) *surcoufi*, Gedeelst, infesting antelopes in Tropical Africa, II. 91, III. 99, IV. 22, VII. 116, 170.
Kleidotoma, parasite of flies in Britain, VIII. 22.
klossi, *Ceratophyllus*; *Megarhinus* (*Toxorhynchites*).
knabi, *Sarcophaga* (see *S. froggatti*).
kochi, *Aedes* (*Finlaya*); *Anopheles*; *Haemaphysalis concinna*.
koreicus, *Aedes* (*Finlaya*, *Ochlerotatus*).
korogwensis, *Stomoxys calcitrans*.
kotoshoensis, *Tabanus*.
kribiensis, *Atrichopogon*; *Ceratopogon*; *Culicoides*.
kuchingensis, *Armigeres*.
kühniella, *Ephestia*.
kurandae, *Corizoneura* (see *Pseudotabanus queenslandi*).

L.

- labeculosus*, *Aedes* (see *A. camptorhynchus*).
laccensens, *Haematopota*.
Lachnosterna, intermediate host of *Echinorhynchus gigas*, IV. 176.

- lacteinervis*, *Culicoides*.
lacuum, *Armigeres*.
Laelaps, on rats in Sierra Leone, IV. 150.
Laelaps agilis, Koch, hosts of, in Britain, IV. 142; on rats in U.S.A., VI. 86.
Laelaps echidninus, Berl., IV. 150; on rats in Britain, I. 229, III. 9, IV. 142; on rats in Ceylon, V. 150; on rats in Egypt, III. 47; on rats in Gold Coast, X. 226; on rats in Malta, VI. 190; on mice in Japan, VII. 87; on rats in U.S.A., I. 186; carrying bacillus resembling that of plague, III. 9; spirochaete granules in, I. 33.
Laelaps festinus, Koch, hosts of, in Britain, IV. 142.
Laelaps hilaris, Koch, hosts of, in Britain, IV. 142.
Laelaps multispinosus, Bks., on musk-rat in New Jersey, III. 155.
Laelaps mutalli, Hirst, described as new, III. 228; on rats in Ceylon, III. 228, V. 150.
Laelaps pachypus, Koch, hosts of, in Britain, IV. 142.
Laelaps stabularis (see *Eulaelaps*).
Laemophloeus ferrugineus, Steph., on hides from India, III. 143.
laetus, *Chrysops*.
laeve, *Aponomma*.
laevis, *Cnemidocoptes* (*Sarcoptes*).
Lagaropsylla, gen. n., IX. 61.
Lagaropsylla mera, J. & R., described as new from bats in Java, IX. 61.
Lagaropsylla micula, J. & R., described as new from bats in India, IX. 61.
Lagaropsylla putilla, J. & R., described as new from bats in India, IX. 61.
lahorensis, *Ornithodoros*.
lambens, *Sarcophaga*.
lamberti, *Aedes* (*Stegomyia*) (see *A. albopictus*).
lambi, *Haematopota* (*Chrysozona*).
lamellata, *Hystatomia*.
Laminosioptes cysticola, Vizioli, in U.S.A., VI. 14; infesting fowls, VI. 14, VII. 150.
Lamys megista (see *Triatoma*).
langeroni, *Culicoides*.
laniger, *Mucidae*.
lapponicum, *Simulium*.
lapponicus, *Tabanus*.
lardaria, *Polietes*.
lardarius, *Dermestes*.
larina, *Echidnophaga*.
larvarum, *Tachina*.
larvipara, *Musca*.
Lasiohelea, gen. n., IX. 171; *Centrorhynchus* a synonym of, X. 209; blood-sucking habits of, X. 209.
Lasiohelea (*Centrorhynchus*) *inconspicuus*, I. & M., in Gold Coast, X. 234.
Lasiohelea (*Forcipomyia*) *lefanui*, Carter, in Gold Coast, X. 209.
Lasiohelea (*Atrichopogon*) *pilosipennis*, Kieff. (see *L. velox*).
Lasiohelea (*Ceratopogon*) *stimulans*, de Meij., in Sumatra, X. 209; attacking man in Sunda Islands, II. 162.
Lasiohelea styliifer, Lutz, in S. America, X. 209.
Lasiohelea (*Atrichopogon*) *velox*, Winn. (*pilosipennis*, Kieff.), IX. 171; in Europe, X. 209.
lasiophthalma, *Pyrellia*.
lasiophthalmus, *Tabanus*.
Lasioptera eryngii, Vall., parasitised by *Spalangia fuscipes*, II. 24.
Lasius fuliginosus, Em., parasitised by *Spalangia* spp., II. 24.
lassalli, *Dyarina*.
lata, *Calliphora*; *Haematopota*; *Osca* (*Erephopsis*).
lateralis, *Culex*, *Culicada* (see *Aedes geniculatus*); *Leptosomatomyia*.
lateritaria, *Verallina*.
laticallosus, *Tabanus*.
laticinctus, *Culex*.
laticrus, *Sarcophaga* (see *S. carnaria*).
latifrons, *Calliphora*; *Lucilia* (see *L. sericata*); *Sarcophila* (*Sarcophaga*).
latifrons, Ferg., *Tabanus* (see *T. neolatifrons*).
latifrons, Zett., *Tabanus* (see *T. cordiger*).
latimanus, *Simulium*.
latinode, *Monomorium*.
latiparafrons, *Musca* (see *M. gibsoni*).
latipennis, *Culicoides*.
latipes, *Desmometopa*; *Simulium*.
latisetosa, *Sarcophaga* (*Ravinia*).
latisquama, *Culex*.
latiuscula, *Anacampta*.
lativentris, *Gastrophilus*.
lativittatus, *Aedes* (*Ochlerotatus*) (see *A. dorsalis*, Mg.).
Latrodectus mactans, F., in Brazil, V. 28; habits of, in Peru, VI. 51, VIII. 42; toxicity of extracts of, VI. 112.
latum, *Colpocephalum*.
latus, *Celaenopsis*; *Tabanus*; *Trichoctes*.
laurae, *Tersesthes* (*Mycterotypus*).
laurei, *Aedes* (*Ochlerotatus*).
laurenti, *Culex*.
lautissima, *Pangonia*.

- lautus*, *Tabanus*.
lavaterae, *Oxycaremus*.
laverani, *Ceratophyllus*; *Leiognathus*; *Tabanus*.
laxifrons, *Pyrellia*.
lazarensis, *Aedes* (see *A. communis*).
leachi, *Haemaphysalis*.
lectularius, *Cimex* (*Acanthia*).
lefanui, *Lasiohelea* (*Forcipomyia*).
legeri, *Phlebotomus* (see *P. perniciosus*).
leguminosa, *Aphis*.
leicesteri, *Aedes*.
Leicesteria, a subgenus of *Armigeres*, *q.v.*
Leiognathus, on man, I. 229.
Leiognathus albus, Berl., on *Pitymys savii* in Italy, VIII. 201.
Leiognathus arcuatus, Koch, possibly transmitting *Trypanosoma vespertilionis*, II. 173.
Leiognathus bacoti, Hirst, distribution of, III. 47; on rats in Egypt, I. 229.
Leiognathus laverani, Berl., and trypanosomes of bats in Italy, X. 52.
Leiognathus morsitans, Hirst (see *Liponyssus bursa*).
leleani, *Tabanus*.
Lemmamyia (*Limatus*) *pseudomethysticus*, B.-W. & B., described as new from Dutch Guiana, VIII. 59; breeding-places of, VIII. 59.
lenis, *Mesopsylla*.
leonis, *Sarcoptes scabiei*.
leontiniae, *Limatus*.
Lepidohelea, notice of key to, X. 52.
Lepidohelea nilotica, Kieff., described as new from Sudan, X. 51.
Lepidohelea ornatipes, Kieff., described as new from Kamerun, X. 51.
lepidonotus, *Aedes* (*Ochlerotatus*).
lepidopus, *Ceratopogon*.
Lepidoselaga crassipes, F., attacking man in British Guiana, V. 4.
Lepidoselaga lepidota, Wied., habits of, in Brazil, VIII. 25; in Jamaica, II. 20, V. 131.
Lepidoselaga paradoxa, Lutz, bionomics of, in Brazil, VI. 90.
lepidota, *Lepidoselaga*.
Lepidotomyia lineata, Tayl., described as new, II. 135; a synonym of *Aedes funereus ornatus*, *q.v.*
lepidum, *Amblyomma*.
Lepisma, *Clerada apicicornis* believed to attack, in Hawaii, V. 138.
Lepisma saccharina, L., in Kentucky, VI. 210; measures against, VI. 140.
leporispalustris, *Haemaphysalis*.
leprae, *Chlorops*; *Musca*.
leptina, *Ptilopsylla*.
Leptinillus aplodontinae, Ferris, described as new from *Aplodontia* in N. America, VI. 157.
Leptinillus validus, Horn, on beavers in Alaska, VI. 157.
Leptinotarsa decemlineata, Say, experiments with benzene derivatives and, V. 132.
Leptinus testaceus, Müll., in Holland, X. 164; infesting nests of bees and small mammals, VI. 157, X. 164.
Leptocera, in Montana, III. 62.
Leptocera ferruginata (see *Limosina*).
Leptocera sylvatica (see *Limosina*).
Leptocimex (*Cimex*) *boueti*, Brumpt, in French W. Africa, I. 185, IV. 21, VI. 159; attacking man, VI. 159; experimentally infected with *Trypanosoma cruzi*, II. 87; bionomics of, I. 185.
Leptoconops, blood-sucking habits of, X. 209; revision of, IX. 132, 194; key to genera allied to, IX. 171.
Leptoconops albiventris (see *Styloconops*).
Leptoconops grandis, Carter, described as new from W. Australia, IX. 132.
Leptoconops kerteszi, Kieff., possibly associated with pellagra in Egypt, VI. 239; in Palestine, IX. 194.
Leptoconops kerteszi var. *americanus*, Carter, described as new from Utah, IX. 132.
Leptoconops longicornis, Carter, described as new from W. Australia, IX. 132.
Leptoconops (*Tersesthes*) *mesopotamiensis*, Patton, described as new from Mesopotamia, IX. 145; bionomics of, IX. 145.
Leptoconops rhodesiensis, Carter, described as new from Rhodesia, IX. 132.
Leptoconops siamensis, Carter, described as new from Siam, IX. 132.
Leptoconops spinosipes, Kieff., described as new, VII. 154; a synonym of *Styloconops albiventris*, *q.v.*
Leptocoris trivittatus, Say, *Crithidia leptocoridis* infesting, V. 18, IX. 48.
Leptopsylla adelpha, Roths., on *Mus* in Arizona, IV. 33.
Leptopsylla (*Ctenopsylla*) *musculi*,

- Dugès, in N. Africa, I. **43**; in S. Africa, III. **134**; in Australia, III. **206**, IV. **181**, V. **41**, VII. **81**, **187**, X. **144**; in British Isles, I. **103**, II. **63**, **131**, IV. **166**, IX. **47**, **202**; in Egypt, III. **44**; in India, IX. **211**; in Malta, VI. **43**, **190**; in U.S.A., I. **186**; and plague in man, IV. **4**, VIII. **3**; *Herpetomonas ctenopsyllae* found in, III. **144**, VII. **145**, **160**; transmitting flagellates to mice, X. **186**; bionomics of, II. **63**, **131**.
- Leptopsylla spectabilis*, Roths., on stoats in England, IX. **47**.
- Leptosomatobia lateralis*, Theo., description of, X. **154**.
- Leptotrombidium*, *Trombicula* adopted for, X. **107**.
- Leptotrombidium akamushi* (see *Trombidium*).
- Leptus akamushi* (see *Trombidium*).
- Leptus americanus*, Hirst, bionomics and control of, in U.S.A., X. **116**; mite erroneously recorded as, in U.S.A., VI. **147**; attacking man, I. **197**; systematic position of, X. **116**.
- Leptus* (*Microthrombidium*) *autumnalis*, Shaw, in Britain, IV. **68**; in Egypt, III. **44**; in Formosa, VII. **182**; in France, X. **119**; attacking goats in Switzerland, V. **32**; attacking man, III. **44**, IV. **68**, X. **119**; *Microthrombidium pusillum* recorded as, VI. **146**; *Trombidium akamushi* closely related to, VI. **188**; believed to be the larva of a species of *Trombicula*, VII. **87**, VIII. **37**.
- Leptus irritans*, Riley, attacking man in U.S.A., I. **197**; bionomics and control of, in U.S.A., X. **116**; mite erroneously recorded as, in U.S.A., VI. **147**; systematic position of, X. **116**.
- Leptus* (*Trombicula*) *similis*, Hirst, described as new from fowls in U.S.A., IX. **51**.
- Levia serrata* (see *Blepharoptera*).
- lesnei*, *Aedes* (*Ochlerotatus*).
- Lesticocampa*, percentage of, in Panama Canal Zone, VII. **127**.
- Lesticocampa espinii*, Martini, described as new, II. **130**; referred to *Goeldia*, q.v.
- Lesticocampa moralesi*, D. & K., described as new from Guatemala, VII. **105**.
- Lesticocampa rapax*, D. & K., in Trinidad, V. **60**.
- Lesticocampa trichopis*, Dyar, described as new from Brazil, VII. **105**.
- leucarthros*, *Necremnus*.
- leucaspis*, *Tabanus*.
- leucochaetus*, *Ceratopogon*.
- leucomelas*, *Dichelacera*; *Haemagogus*.
- Leucomyia*, in Australia, II. **93**.
- Leucomyia albitarsis*, Tayl., described as new, II. **135**; referred to *Aedes*, q.v.
- Leucomyia annulata*, Tayl., *Culex basicinctus*, n.n., proposed for, IX. **134**; a synonym of *Culex vicinus*, q.v.
- Leucomyia annulirostris*, Tayl. (see *Culex squamosus*).
- Leucomyia australiensis* (see *Aedes*).
- Leucomyia gelidus* (see *Culex*).
- Leucomyia scapularis* (see *Aedes*).
- Leucomyia vicina*, Tayl., described as new, V. **67**; referred to *Culex*, q.v.
- leuconotips*, *Aedes*.
- leucopogon*, *Erephopsis*.
- leucoptera*, *Anisocbeleomyia*.
- leucopus*, *Anopheles* (see *A. fuliginosus*).
- Leucorhinia* (*Libellula*) *pectoralis*, Charp., III. **184**.
- leucosphyrus*, *Anopheles* (*Myzomyia*, *Neomyzomyia*).
- leucospilus*, *Chrysops*.
- leucosticta*, *Brachythemis* (*Cacergates*).
- leucostictus*, *Culicoides* (see *C. guttifer*).
- leucostigma*, *Hemerocampa*.
- leucostoma*, *Ophyra*.
- leucostomus*, *Tabanus*.
- lewinae*, *Trilocha* (*Ocinara*).
- lewisi*, *Anopheles* (see *A. maculipennis*).
- Libellula*, predacious on *Glossina palpalis* in Belgian Congo, III. **199**; predacious on *Haematopota* in Russia, III. **196**.
- Libellula pectoralis* (see *Leucorhinia*).
- Libellula quadrimaculata*, L., predacious on mosquitos in Russia, III. **183**.
- liberiensis*, *Haemogamasus*.
- lifuenensis*, *Tabanus*.
- limaceum*, *Eurenetes*.
- Limatus*, respiration of, II. **107**.
- Limatus durhami*, Theo., in Grenada, V. **53**; in British Guiana, X. **33**; in Trinidad, IV. **69**, V. **60**; in Venezuela, X. **183**; breeding-places of, IV. **69**, V. **53**.

- Limatus leontinae*, Brèthes, in Argentina, IX. 207.
Limatus pseudomethysticus (see *Lemmamyia*).
limbatinervis, *Tabanus* (see *T. alternatus*).
limbatum, *Simulium*.
limbatus, *Trichodectes*.
limbithorax, *Oscia*.
Limnerium validum, Cress., parasite of *Hyphantria textor* in America, IX. 45.
limnophila, *Stilobezzia*.
limnophilus, *Paederus*.
Limnophora semiargentata, Villen., described as new from Ruwenzori, IV. 125.
Limnophora septemnotata, Zett., hibernating in houses in Britain, III. 89, IV. 87, 102, 121, VII. 71.
Limosina, breeding-places of, in U.S.A., VI. 116.
Limosina (Leptocera) ferruginata, Stenh., trapped with ammonium carbonate, V. 45.
Limosina fulvipes, Mg., breeding in cess-pools in France, X. 30.
Limosina minutissima, Zett., breeding in cess-pools in France, X. 30.
Limosina (Leptocera) sylvatica, Mg., breeding in manure in British Isles, VII. 191; in U.S.A., IV. 107.
limosus, *Rhodnius*.
Limothrips cerealium, Hal., found on the skin of horses, VIII. 5.
lindesayi, *Anopheles*.
lindfieldi, *Trichodectes*.
linealis, *Aedes (Pseudohowardina)* (see *A. lineatopennis*); *Taeniorhynchus (Culex, Culicelsa)*.
lineata, *Goeldia*; *Helomyza*; *Lepidotomyia* (see *Aedes funereus* var. *ornatus*); *Musca (Philaematomyia, Pristirhynchomyia)*; *Pseudohowardina* (see *Culex pulchritorax*).
lineatithorax, *Corizoneura (Diatomineura)*.
lineatopennis, *Aedes (Banksinella)*.
lineatum, *Hypoderma*; *Simulium* (see *S. maculatum*).
lineatus, *Culicoides*; *Tabanus*.
lineola, *Tabanus*.
lineolata, *Cremastogaster*.
lineolatus, *Calocoris*.
Linognathoides faurei, Bedford, described as new from *Geosciurus capensis* in S. Africa, VIII. 204.
Linognathus angulatus, Big., on *Cephalophus natalensis* in S. Africa, IV. 120.
Linognathus coassus, Fahr., described as new from *Coassus*, IX. 19.
Linognathus fahrenheitzi, Paine, on *Cervicapra fulvorufula* in S. Africa, IV. 121.
Linognathus gilvus, Fahr., described as new from *Cephalophus*, IX. 19.
Linognathus (Haematopinus) ovillus, Neum., on sheep in Australia and New Zealand, I. 165, IV. 111; in U.S.A., IX. 110.
Linognathus pedalis, Osb., in Argentina, VIII. 200; in New Zealand, IV. 111, VII. 179; in U.S.A., IX. 110, X. 199; on sheep, IX. 110; bionomics and control of, VIII. 200.
Linognathus piliferus (see *Haematopinus*).
Linognathus setosus, Olf., on white fox in Alaska, VII. 195; derris used against, in U.S.A., X. 122.
Linognathus (Haematopinus) stenopsis, Burm., in England, X. 183; measures against, in California, X. 170; on goats in Mozambique, III. 96; intercepted in quarantine in New Zealand, X. 183; in Philippines, VII. 193; new *Rickettsia* in, IX. 148.
Linognathus (Haematopinus) vituli, L., in Australia, I. 165, III. 17; in Mozambique, III. 96; in U.S.A., V. 168, VI. 89, 153, VIII. 9, X. 122; on cattle, I. 165, III. 17, 96, V. 168; measures against, VI. 89, 153, X. 122; *Solenopotes capillatus* not a synonym of, IX. 203.
Lipeurus anseris, Gurlt., on geese, IV. 13.
Lipeurus baculus, Nitzsch, in U.S.A., IV. 13, VI. 14, X. 227; on pigeons, IV. 13, VI. 14, X. 227; *Rickettsia* found in, X. 229; measures against, X. 227.
Lipeurus caponis, L. (*variabilis*, Nitzsch), in Australia, VIII. 164; in Canada, III. 186; in Russia, X. 180; in U.S.A., VI. 14, 142; on fowls, III. 186, IV. 13, VI. 14, 142, VIII. 164, X. 180.
Lipeurus heterographus, Nitzsch, in Belgian Congo, IX. 164; in U.S.A., VI. 14, 142; on fowls, IV. 13, VI. 14, 142, VIII. 13, 127, 164, IX. 164; measures against, VIII. 13, 127.
Lipeurus jejunos, Nitzsch, on geese, IV. 13.

- Lipeurus polytrapezius*, Nitzsch, on turkeys, IV. 13.
- Lipeurus squalidus*, Nitzsch, on geese and ducks, II. 44, IV. 13.
- Lipeurus temporalis*, Nitzsch, peculiar to ducks in U.S.A., VI. 14.
- Lipeurus variabilis*, Nitzsch (see *L. caponis*).
- Liponyssoides*, on rats, I. 229.
- Liponyssus*, on rats, I. 229; notice of key to, X. 96.
- Liponyssus aethiopicus*, Hirst, described as new from elephant shrew in Nyasaland, X. 96.
- Liponyssus arabicus*, Hirst, described as new from lizards in Arabia, IX. 196.
- Liponyssus berlesei*, Hirst, described as new, IX. 196; *L. confucianus* n.n. proposed for, X. 96.
- Liponyssus bermudaensis*, Ewing, described as new from a wood rat in Bermuda, IX. 51.
- Liponyssus bursa*, Berl., distribution of, III. 140; in Australia, IV. 159; in U.S.A., VIII. 75; probably transmitting spirochaetosis to fowls, III. 140; measures against, on fowls, IV. 159, VIII. 75; described as *Leiognathus morsitans*, sp. n., III. 140.
- Liponyssus chiropteralis*, Hirst, n.n., hosts and distribution of, X. 96.
- Liponyssus confucianus*, Hirst, new name for *L. berlesei*, Hirst, X. 96; infesting *Myospalax scamus* in N. China, IX. 196.
- Liponyssus crosbyi*, Ewing & Stover, described as new from *Vesper subulatus*, III. 128.
- Liponyssus isabellinus* (see *Ichoronyssus*).
- Liponyssus lobatus*, Kol., causing pruritus in man, II. 200.
- Liponyssus madagascariensis*, Hirst, described as new from lemur in Madagascar, X. 96.
- Liponyssus nyassae*, Hirst, described as new from elephant shrew in Nyasaland, X. 96.
- Liponyssus saururum*, Oudms., transmitting blood parasites in lizards in Spain, VIII. 208, IX. 45.
- Liponyssus sciurinus*, Hirst, described as new from squirrels in France, X. 96.
- Liponyssus setiger*, Ewing, described as new from shrew in Wisconsin, IX. 51.
- Liponyssus spiniger*, Ewing, described as new from musk rat, III. 128.
- Liponyssus sternalis*, Ewing & Stover, described as new from bats in Salonika, X. 96.
- Liponyssus sylviarum*, C. & F., measures against, on sparrows and poultry in U.S.A., VIII. 166, IX. 50, 109.
- Lipoptena*, on man and deer in Brazil, II. 53; pupiparous habits of, VII. 174.
- Lipoptena caprina*, Aust., described as new, IX. 194; in India, X. 143; on goats in Palestine, IX. 194, X. 143.
- Lipoptena cervi*, L., infesting red deer in Germany, VII. 59.
- Lipoptena traguli*, Ferris & Cole, described as new from *Tragulus* in Far East, X. 175.
- Lispa*, predacious on mosquito larvae, IX. 42, X. 57.
- Lispa armipes*, Beck., predacious on mosquitos in W. Africa, X. 226.
- Lispa sinensis*, Schiner, predacious on mosquitos in China, X. 226.
- listoni*, *Anopheles* (*Myzomyia*).
- Listrophorus argentinus*, Hirst, described as new from rodents in Argentina, IX. 196.
- Listrophorus frontalis*, Hirst, described as new from rodents in Argentina, IX. 196.
- Listrophorus gibbus*, Pasquest, on rabbits in U.S.A., IV. 96.
- Listropsylla agrippinae*, Roths., on *Mus rattus* in S. Africa, III. 134.
- litoralis*, *Paederus*.
- litoraurea*, *Monohalea*; *Sphaeromyias* (*Johannsenomyia*).
- littoralis*, *Silpha*.
- litturatum*, *Trinoton*.
- lituripennis*, *Cletomorpha* (*Cletus*).
- liventipes*, *Tabanus*.
- lividicolor*, *Lynchia*.
- lloydi*, *Villa*.
- lobatus*, *Liponyssus*.
- locuples*, *Amphipsylla contigua*; *Sabathes*.
- locustarum*, *Trombidium* (see *Euthrombidium trigonum*).
- Loemopsylla cheopis* (see *Xenopsylla*).
- loewi*, *Chrysops*.
- loewianus*, *Ochrops*.
- Lonchaea nigrimana*, Mg., in dead bodies, IX. 121.
- Lonchaea vaginalis*, Fall., in Britain, IV. 144, VII. 191.
- londiniensis*, *Ceratophyllus*.

- longiareolata*, *Theobaldia* (*Allotheobaldia*).
- longicephalum*, *Menopon*.
- longiceps*, *Pedicinus*.
- longicornis*, *Chrysops*; *Leptoconops*; *Passeromyia*; *Prenolepis*; *Spaniopsis*.
- longior*, *Demodex*; *Tyroglyphus*.
- longipalpis*, *Armigeres* (*Leicesteria*); *Glossina*; *Goeldia* (*Hyloconops*); *Lyperosia* (see *L. minuta*); *Phlebotomus*.
- longipennis*, *Glossina*.
- longipes*, *Bibio*; *Sabethes*.
- longirostre*, *Amblyomma* (*Hyalomma*).
- longirostris*, *Aedes* (*Skusea*); *Cori-zoneura* (*Pangonia*); *Phoniomyia*.
- longiserra*, *Gymnohelea* (*Atrichopogon*).
- longispinus*, *Megarhroglossus*.
- longisquamosus*, *Aedes* (*Grabhamia*, *Ochlerotatus*) (see *A. caspius*).
- Lophoceratomyia*, new species of, in Australia, IV. 183, VI. 74, 227, VII. 176; a subgenus of *Culex* (*q.v.*), V. 53.
- Lophoscelomyia asiatica* (see *Anopheles*).
- loricatus*, *Eugamasus*; *Ixodes*.
- loughnani*, *Culicoides*.
- lowi*, *Uranotaenia*.
- loxodontis*, *Cobboldia*.
- lucidulus*, *Tabanus*.
- luciensis*, *Aedes* (*Stegomyia*) (see *A. argenteus luciensis*).
- Lucilia*, I. 36, IV. 51, VI. 112, VII. 40; *Cystotrypanosoma intestinale* in, in W. Africa, X. 99; synonymy of N. American species of, V. 41; in Australia, IX. 155, X. 1, 2, 168; in Egypt, IV. 142, VI. 100, 239; in India, VI. 63; in Korea, X. 206; infesting man, III. 43, X. 168; ingesting cysts of *Entamoeba histolytica*, V. 117; possible relation of, to protozoa in plants, X. 145; infesting rodents, VIII. 24; bionomics of, II. 89, VI. 63; hibernation of, X. 135, 206; parasites of, V. 158, VI. 158, X. 1, 2; measures against, IV. 142, VI. 100, IX. 191; characters distinguishing *Cryptolucilia* from, X. 181.
- Lucilia angustifrons* (see *L. caesar*).
- Lucilia argyricephala*, Macq., in Tropical Africa, III. 98, V. 35; in India, IX. 208, X. 17, 73; causing myiasis, III. 98, IV. 21, V. 35, IX. 53, X. 17, 73; *Herpetomonas* spp. in, IX. 208; synonymy of, X. 154.
- Lucilia australis*, Town. (see *L. caesar*).
- Lucilia ballardi*, Patton, described as new from S. India, X. 74; bionomics of, X. 74; probably a synonym of *L. metilia*, X. 154.
- Lucilia barberi*, Town. (see *L. sericata*).
- Lucilia caesar*, L., in Australia, III. 14; in British Isles, III. 175, IV. 143, 167, 169, VIII. 22, 218, X. 87; in Canada, III. 155; in France, II. 134, X. 176; in Gallipoli, IV. 92, VI. 26; in Germany, IX. 142; in Korea, VII. 142, X. 206; in Manchuria, X. 45; in Poland, VIII. 119; in Russia, I. 150; in Salonika, IV. 179; in Sicily, III. 152; in U.S.A., III. 62, 159, 161, IV. 2, 5, V. 92, 125, 128, 145, VI. 103, 116, 169, VII. 10, VIII. 204, IX. 71, 173, 194, X. 26, 110; transmitting anthrax, X. 26; and dissemination of disease, I. 117, II. 19, 111, IV. 46, IX. 71, 173; larvae of, associated with limberneck in poultry, VIII. 204, X. 110; causing myiasis in man, III. 32, 152, 159, 161, VI. 194; infesting birds, IX. 142; infesting meat factories, V. 92; infesting sheep, III. 14; in dead bodies, IX. 121; bionomics of, III. 161, IV. 143, V. 128, VII. 10, X. 206; stimuli to oviposition of, IX. 139; dispersion of, by flight, IX. 194; sense reactions of, VII. 56; natural enemies of, I. 150, IV. 2, VIII. 22, 218; measures against, IV. 5, 167, 169, V. 92, VI. 116, X. 87, 176; posterior stigmata of larva of, II. 131; synonymy of, V. 41.
- Lucilia craggi*, Patton, described as new, X. 73; a synonym of *L. inducta* (*q.v.*), X. 154.
- Lucilia dispar*, Dufour (see *Phormia coerulea*, R.-D.).
- Lucilia dux*, Esch. (see *Chrysomyia megacephala*).
- Lucilia flaviceps*, Macq. (see *Chrysomyia megacephala*).
- Lucilia giraulti*, Town. (see *L. sericata*).
- Lucilia hominivorax*, Coq. (see *Cochliomyia macellaria*).
- Lucilia indica*, R.-D. (see *L. argyricephala*).
- Lucilia inducta*, Wlk. (*craggi*, Pat-

- ton), in India, IX. 208, X. 73; *Herpetomonas* spp. in, IX. 208; bionomics of, X. 73; described as *L. craggi*, sp. n., X. 73; synonymy of, X. 154.
- Lucilia infusca*, Town., referred to *L. caesar* and *Phormia regina*, V. 41.
- Lucilia latifrons*, Schin. (see *L. sericata*).
- Lucilia macellaria* (see *Cochliomyia*).
- Lucilia metilia*, Wlk., *L. ballardi* probably a synonym of, X. 154.
- Lucilia morilli*, Town. (see *Pseudopyrellia cornicina*).
- Lucilia nigripalpis*, Town. (see *L. sylvarum*).
- Lucilia nobilis*, Mg. (see *L. sericata*).
- Lucilia oculata*, Town. (female) (see *L. pilata*); (male) (see *L. caesar*).
- Lucilia phellia*, Wlk. (see *L. pulchra*).
- Lucilia pilati*, Hough, synonymy of, V. 41.
- Lucilia pulchra*, Wied., bionomics of, in India, X. 74; synonymy of, X. 154.
- Lucilia purpurea*, Town. (see *L. caesar*).
- Lucilia ruficornis*, Macq. (see *L. pulchra*).
- Lucilia serenissima*, F. (see *L. argyricephala*).
- Lucilia sericata*, Mg. (*latifrons*, Schin., *nobilis*, Mg.), in Australia, I. 225, II. 85, III. 14, 16, IV. 183, V. 6, 166, VII. 100, 124, VIII. 73, IX. 155; in Austria, VI. 81; in Belgian Congo, V. 139; in British Isles, IV. 143, VIII. 218, X. 57; in Hawaii, VI. 164; in India, IX. 180, X. 154; in Mesopotamia, IX. 15; in New Zealand, VII. 107, IX. 168, X. 165, 183, 204; in Russia, I. 151; in Somaliland, III. 136; in U.S.A., II. 16, III. 27, 61, 62, 161, IV. 1, 5, V. 92, 125, 145, VI. 116, VII. 10, VIII. 30, IX. 110, 194, X. 26, 162, 170; transmitting anthrax, X. 26; causing myiasis in man, III. 32, 152, 159, IV. 88, V. 139, IX. 180; infesting cattle, III. 47; infesting sheep and goats, I. 225; II. 85, III. 14, 16, V. 6, 166, VII. 100, 124, IX. 110, 155, 168, X. 170, 183, 199, 204; hides damaged by, X. 57; bionomics of, III. 161, IV. 1, 143, VII. 10, IX. 155; infesting meat factories, V. 92, VI. 81; dispersion of, by flight, IX. 194; parasites of, VII. 100, VIII. 218; baits and traps for, II. 10, IV. 5, V. 7, 45, VI. 116, VIII. 30; other measures against, III. 27, IV. 71, V. 92; experiments with benzene derivatives and, V. 132; anatomy of larva of, IX. 64; on battlefields, IV. 18; synonymy of, V. 41.
- Lucilia sylvarum*, Mg., bionomics of, in U.S.A., V. 125, 128; synonymy of, V. 41.
- Lucilia tasmaniensis*, Macq., probably infesting sheep in New Hebrides, III. 185; distribution of, III. 15.
- Lucilia temperata*, Wlk. (see *L. argyricephala*).
- Lucilia unicolor*, Town. (see *L. caesar*).
- Lucilia viridiceps*, Macq., *Pseudorthellia*, gen. n., proposed for, IV. 159.
- lucorum*, Mg., *Atrichopogon*.
- lucorum*, Winn., *Atrichopogon* (see *A. winnertzi*).
- lucorum*, Mydaea.
- ludium*, Trinoton.
- ludlowi*, *Anopheles* (*Myzomyia*); *Culex* (see *Aedes vigilax*).
- lugens*, *Chrysops*; *Culicoides*.
- lugubris*, *Rhopalopsyllus*; *Tabanus*.
- lukisi*, *Anopheles* (see *A. algeriensis*).
- lunata*, *Bembex*.
- lunatus*, *Tabanus*; *Trichoprosopon*.
- lunulatus*, *Rhipicephalus* (see *R. tricuspis*).
- lupatus*, *Ceratophyllus*.
- luridum*, Trinoton.
- luridus*, *Tabanus*.
- lusavium*, *Ceratophyllus* (see *C. gallinae*).
- lusitanicus*, *Phlebotomus* (see *P. perniciosus*).
- lusoria*, *Musca* (see *M. convexifrons*).
- luteitarsus*, *Clinohalea*.
- luteocephalus*, *Aedes* (*Stegomyia*).
- luteola*, *Auchmeromyia*.
- luteolateralis*, *Aedes* (*Banksinella*) (see *A. lineatopennis*).
- luteoscutellata*, *Dasyhelea*.
- luteoventralis*, *Dendromyia*.
- lutescens*, *Aedes* (*Ochlerotatus*); *Paratricylea*.
- lutzi*, Cruz, *Anopheles* (*Myzorhynchella*).
- lutzi*, Flu, *Anopheles*.
- lutzi*, Theo., *Anopheles* (*Myzomyia*) (see *A. cruzi*).
- lutzi*, Theo., *Anopheles* (*Manguinhosia*) (see *A. peryassui*).

- lutzi*, *Psorophora* (*Janthinosoma*); *Simulium* (see *S. amazonicum*).
- Lutzia*, França & Parrot, a new subgenus of *Phlebotomus* (*q.v.*), X. 50.
- Lutzia*, Theo., notice of key to Oriental species of, X. 197; distinct from *Culex*, X. 153.
- Lutzia allostigma*, H., D. & K., in Panama Canal Zone, VII. 127, IX. 108; predacious on larva of *Culex usquatus* in Surinam, VII. 22.
- Lutzia fuscana*, Wied. (*Culex concolor*, Theo., ? R.-D., *tigripes*, auct.) in Ceylon, II. 70; in Hong Kong, III. 141; in India, I. 79, 143, 144, VI. 64, 196, IX. 124; in Malay States, II. 202; predacious larva of, VI. 64, IX. 124; anatomy of, X. 231; previously recorded as *Culex concolor* (*unicolor* in error), X. 197.
- Lutzia halifaxi*, Theo. (*Culex tigripes* and *concolor*, auct.), in Australia, III. 37, 207, IV. 11, 60, 182, VII. 175; in Sumatra, IV. 23.
- Lutzia raptor*, Edw., described as new from N. India, X. 197.
- Lutzia* (*Culex*) *tigripes*, Grp., in E. Africa, VIII. 164, X. 223; in S. Africa, IV. 120, IX. 128; in W. Africa, II. 135, IV. 45, 66, 81, 112, 150, V. 3, 39, 45, VI. 225, VIII. 11; in Madagascar, IX. 68; value of, against *Anopheles costalis* in Mauritius, X. 106, 225; in Nyasaland, IX. 42, X. 62; larvae of, predacious on other mosquito larvae, IV. 120, V. 68, VI. 39, IX. 42; breeding-places of, VIII. 11, X. 223; correct genus for, X. 153. (For Oriental records see *L. fuscana*, and for Australian ones see *L. halifaxi*.)
- Lutzia* (*Culex*) *tigripes* var. *fusca*, Theo., in W. Africa, III. 121, V. 3, 45, 47, VI. 39, X. 226.
- Lutzia vorax*, Edw., described as new from Oriental Region, X. 18; larva of, predacious on *Culex fatigans*, X. 18.
- Lycosa raptoria*, Walck, in Brazil, V. 28.
- Lydus*, use of, in medicine, X. 60.
- Lygaeus*, on *Euphorbia* in Italy, IX. 106.
- Lygaeus pratensis*, L., spirochaetes in, IX. 120.
- Lygocerus*, parasite of flies in Britain, VIII. 22.
- lynchi*, *Aedes* (*Culex*); *Chrysops*; *Psorophora*.
- Lynchia*, on pigeons in India, II. 186, X. 232; conveying *Haemoproteus*, II. 186.
- Lynchia capensis*, Big., infecting pigeons with *Haemoproteus columbae*, IV. 189.
- Lynchia lividicolor*, Big., on pigeons in Brazil, IV. 137.
- Lynchia maura*, Big., in Belgian Congo, IX. 164; in N. Africa, I. 200; in the Gambia, III. 1; in British Guiana, V. 5; in India, III. 211; in Nyasaland, IV. 175; in Palestine, IX. 194; in Zanzibar, III. 48; wide distribution of, on pigeons, IV. 107; transmitting *Haemoproteus columbae*, IX. 164; polypneustic lobes of larva of, VI. 185.
- Lyperosia*, in E. Africa, II. 151, 152; in W. Africa, II. 48, IV. 2, V. 13, VI. 161, IX. 101; in Hawaii, IX. 182; in India, VIII. 50, IX. 79; in Philippines, I. 14, 212; in Rhodesia, V. 166; in Sumatra, VIII. 71; conveying anthrax in U.S.A. VIII. 105; transmitting *Habronema*, IX. 101; conveying horse-sickness, VI. 161; not mechanically transmitting surra, I. 212; probably mechanically transmitting trypanosomiasis, II. 48, 151, IV. 2, V. 13, 166, VI. 119, IX. 101; lice transported by, I. 14; *Bembex lunata* predacious on, IX. 79; repellents for, V. 187, VI. 186, VII. 21.
- Lyperosia exigua*, de Meij., in Australia, VI. 118, VII. 46, VIII. 188, X. 15; in India, X. 143; in Mesopotamia, IX. 15; in Philippines, VII. 194; possibly transmitting *Habronema*, VIII. 188, X. 15; probably not a carrier of *Onchocerca gibsoni*, VI. 27; bionomics of, VI. 118; measures against, VII. 46.
- Lyperosia* (*Haematobia*) *irritans*, L., in Canada, II. 196, III. 155; in Germany, IX. 44; introduction of enemies of, into Hawaii, V. 137, VIII. 172, X. 83, 114; in India, V. 83; in Mexico, X. 69; in Palestine, IX. 194; in Russia, I. 147; in U.S.A., V. 73, VI. 169, 181, VIII. 186, X. 162, 163; in West Indies, V. 75, 131, VII. 186, VIII. 201, IX. 198; experimentally conveying anthrax, VI.

181; not transmitting poliomyelitis, II. **202**; possibly transmitting *Trypanosoma americanum*, X. **163**; dispersal of, by man, IV. **96**; attacking horses, VI. **169**; peculiar to horned cattle, I. **147**; bionomics of, IX. **29, 44**; protection of cattle from, V. **73, 83**; parasitised by *Spalangia*, II. **22, 24, 141, V. 137**; measures against, VII. **163, 186, VIII. 172, 201, IX. 89, 198**; effect of meteorological conditions on, VIII. **186**; posterior stigmata of larva of, II. **131**.

Lyperosia longipalpis, Roub. (see *L. minuta*).

Lyperosia minuta, Bezzi (*longipalpis*, Roub.), in Belgian Congo, IV. **68**; in Canary Islands, X. **31**; in India, VI. **64**; in Mesopotamia, IX. **15**; in Palestine, II. **100**; attacking domestic animals in Senegal, X. **175**; mouth-parts of, I. **229**.

Lyperosia pallidipes, Roub., in Belgian Congo, V. **35**.

Lyperosia punctigera, Aust., in Belgian Congo, IV. **68**.

Lyperosia thirouxii, Roub., *Crithidia* in, in Senegal, X. **175**.

Lyrosoma opaca, Mann, in nests of birds, VI. **157**.

Lytta, use of, in medicine, X. **60**.

Lytta (*Cantharis*) *vesicatoria*, L., X. **173**; cantharidin obtained from, X. **128**.

M.

macaci, *Pneumotuber*.

macdonaldi, *Oestrus*.

macedougalli, *Aedes* (*Finlaya*).

macedoniensis, *Anopheles superpictus* (see *A. superpictus*).

macellaria, *Cochliomyia* (*Chrysomyia*, *Comptosomyia*, *Lucilia*).

macer, *Tabanus*.

macfarlanei, *Aedes* (*Ochlerotatus*); *Tabanus*; *Uranotaenia*.

Macleaya tremula (see *Aedes*).

macleayi, *Olfersia* (*Ortholfersia*).

macquarti, *Azelaria*.

macrocephala, *Clinocoris* (see *Cimex hemiptera*).

macrocephalus, *Haematopinus* (see *H. asini*).

macroceratus, *Tabanus* (see *Pseudacanthocera sylverii*).

Macrocheles muscae, Ewing, de-

scribed as new from U.S.A., II. **6**; parasitising *Musca domestica*, II. **6**.

Macrodactylus subspinosus, F., poisonous effect of, on fowls, IV. **26, VIII. 204**.

macrophthalmus, *Ceratophyllus*.

macropi, *Tracheomyia* (*Oestrus*).

Macropocopris, gen. n., on wallabies in Queensland, VIII. **215**.

Macropocopris prehensilis, Arrow, described as new from Queensland, VIII. **215**.

Macropocopris symbioticus, Arrow, described as new from Queensland, VIII. **215**.

macrotis, *Cephenomyia*.

mactans, *Haematopota*; *Latrodectus*.

maculata, *Cephalomyia* (see *Cephalopsis titillator*); *Cummingsia*; *Graphomyia*; *Hippobosca*; *Pseudograbhamia* (see *Aedes piper-salatus*); *Pseudolfersia*; *Triatoma*.

maculatifissimus, *Tabanus*.

maculatum, *Amblyomma*; *Simulium* (*Melusina*).

maculatus, *Aedes* (*Ochlerotatus*); *Anopheles* (*Nyssorhynchus*); *Iso-metrus*; *Rhipicephalus*.

maculicornis, *Tabanus*.

maculipalpis, *Anopheles*.

maculipennis, *Anopheles*; *Pelecorhynchus*; *Taeniorhynchus*; *Thysanognathus* (*Prionognathus*); *Triatoma dimidiata*.

maculipes, *Anopheles* (*Arribalzagia*, *Cyclolepteron*); *Taeniorhynchus tenax* (see *Culex quasigelidus*).

maculisquama, *Pyrellia*.

maculithorax, *Culicoides*; *Thysanognathus* (*Prionognathus*).

maculiventris, *Culex* (see *Aedes dorsalis*); *Osca*.

maculoabdominalis, *Aedes* (*Kingia*, *Stegomyia*).

maculosa, *Culerebra*; *Stygeromyia*.

maculosifacies, *Haematopota*.

madagascariensis, *Liponyssus*.

maderae, *Rhyparobia*.

madidus, *Pterostichus*.

magneticus, *Tabanus alternatus*.

magnicornis, *Gastrophilus*.

magnifica, *Chrysops*; *Wohlfahrtia* (*Sarcophaga*, *Sarcophila*).

magnus, *Armigeres* (*Leicesteria*).

magretti, *Pangonia*.

maia, *Hemileuca*.

maiae, *Armigeres*.

majalis, *Meloë*.

major, *Phlebotomus*; *Pseudoculicoides*.

- malabaricus, *Phlebotomus*.
Malacosoma, larvae of, injurious to pigs in California, VII. 35.
malayensis, *Anopheles subpictus*; *Haematopota*.
malayi, *Culex* (*Micraëdes*).
malefactor, *Anopheles* (see *A. punctimacula*).
Mallophora calidus, F., predacious on Tabanids in British Guiana, V. 4.
mallophoroides, *Stibasoma*.
mammoth, *Hystrichopsylla*.
mandarinus, *Tabanus*.
manducator, *Alysia*.
Manguinhosia, a subgenus of *Anopheles* (q.v.), VII. 23.
mangyana, *Anopheles* (see *A. minimus*).
manicata, *Fannia*.
manicatus, *Megarhinus*.
Mansonia, a subgenus of *Taeniorhynchus* (q.v.), VI. 142.
Mansonia arabica (see *Aedes caspius*).
Mansonioides (see *Taeniorhynchus*).
mantiquirensis, *Amblyomma*.
Margaropus (see *Boophilus*).
marginalis, *Chrysomyia* (*Pycnosoma*); *Dytiscus*.
marginatus, *Acarus* (see *Ixodes ricinus*).
marginipennis, *Spaniopsis*.
mariae, *Aedes* (*Acartomyia*, *Culex*, *Ochlerotatus*).
marmoratus, *Chrysops*; *Culicoides*; *Thysanognathus* (*Prionognathus*).
marmoreum, *Amblyomma*.
marmorosus, *Tabanus*.
marmotae, *Oestromyia*.
marocana, *Theobaldia* (*Culex*) *annulata* (see *T. longiareolata*).
maroccanus, *Ornithodoros*.
maroccanus, *Diachlorus* (see *Mesomyia singularis*).
maroniensis, *Culex* (*Choeroporpa*).
marshalli, *Anopheles*; *Megarhinus* (*Toxorhynchites*).
marum, *Culicoides*.
marxi, *Ixodes*.
masamae, *Aedes*.
mascittii, *Phlebotomus*.
maskonaensis, *Uranotaenia*.
mastersi, *Anopheles* (*Nyssorhynchus*); *Tabanus* (see *T. strangmanni*).
mastigia, *Culex* (see *C. floridanus*).
mathisi, *Culex*.
matthiesseni, *Simulium*.
mattogrossensis, *Anopheles*.
maura, *Lynchia*.
mauritanus, *Anopheles* (*Myzorhynchus*).
maurus, *Ceratophyllus*.
maxillosus, *Creophilus*.
maximus, *Armigeres*.
maxinocca, *Culex* (*Choeroporpa*).
mayeri, *Uranotaenia*.
mayeti, *Reduvius*.
medicorum, *Glossina*.
mediocris, *Trombidium* (*Trombicula*).
mediolineata, *Ficalbia* (*Etorleptomyia*).
mediolineatus, *Aedes* (see *A. indicus*).
medionotatus, *Tabanus*.
mediopunctatus, *Anopheles* (*Arribatzagia*, *Cyclolepteron*).
meditabunda, *Mydaea* (*Myospila*).
mediterraneus, *Holocoenops*.
megacephala, Bezzi, *Chrysomyia* (*Pycnosoma*) (see *C. bezziana*).
megacephala, F., *Chrysomyia* (*Pycnosoma*).
megacephala, *Pheidole*.
Megaloceraea ruficornis, Geoffr., on *Euphorbia* in Italy, IX. 106.
Megarhinus (*Toxorhynchites*), larvae of, in Brazil, VIII. 26; in Guatemala, IV. 177; in Principe, IV. 49; in Trinidad, II. 24; in U.S.A., II. 78, VIII. 58; larvae of, destroying other mosquito larvae, I. 162, V. 53, IX. 125; thoracic appendages not present in larva of, X. 80; *Theobaldia* allied to, V. 19; notice of key to, 229.
Megarhinus albipes, Edw., described as new from India, X. 198; breeding in tree-holes, X. 198.
Megarhinus aldrichanus, B.-W. & B., described as new from Dutch Guiana, VIII. 60; breeding-places of, VIII. 60.
Megarhinus aurifluus, Edw., described as new from Formosa, X. 34; recorded as *M. splendens*, X. 34.
Megarhinus (*Toxorhynchites*) *brevipalpis*, Theo., in Belgian Congo, I. 220, III. 121; in E. Africa, VIII. 164, IX. 42; in French Guinea, IV. 21; in Zanzibar, III. 49; predacious on other mosquito larvae, IV. 120, IX. 42.
Megarhinus (*Toxorhynchites*) *gravelyi*, Edw., described as new from India, IX. 133.
Megarhinus guadeloupensis, D. & K., subsp. *guyanensis*, B.-W. & B., described as new from Dutch Guiana, VIII. 60.

- Megarhinus haemorrhoidalis*, F., synonymy of, II. 106.
- Megarhinus haitiensis*, D. & K., breeding-places of, in Grenada, V. 54.
- Megarhinus horei*, Gordon & Evans, described as new from Brazil, X. 234; predacious on other mosquito larvae, X. 234.
- Megarhinus iris*, in Trinidad, II. 24, V. 60.
- Megarhinus (Toxorhynchites) kempfi*, Edw., described as new from India, IX. 133.
- Megarhinus (Toxorhynchites) klossi*, Edw., described as new from Malay States, IX. 133.
- Megarhinus manicatus*, Edw., described as new from Formosa, X. 34.
- Megarhinus (Toxorhynchites) marshalli*, Theo., recorded (in error) from Calcutta, IX. 125.
- Megarhinus (Toxorhynchites) minimus*, in Ceylon, VIII. 9.
- Megarhinus (Toxorhynchites) regius*, Tennent (*immisericors*, Theo. nec Wlk.), in Ceylon, II. 70; in India, I. 79; in Philippines, VII. 193; synonymy of, X. 34.
- Megarhinus septentrionalis*, D. & K., in N. Carolina, IV. 136.
- Megarhinus (Toxorhynchites) speciosus*, Skuse, in Australia, I. 11.
- Megarhinus splendens*, Wied. (see *M. regius*).
- Megarhinus superbus*, D. & K., in Trinidad, II. 24, V. 60.
- Megarhinus trinidadensis*, D. & K., in Trinidad, II. 24, IV. 69, V. 60; breeding-places of, IV. 69.
- Megarhroglossus*, gen. n., IV. 33.
- Megarhroglossus bisetis*, J. & R., described as new from *Neotoma* in New Mexico, IV. 33.
- Megarhroglossus longispinus*, Baker, hosts of, in Canada, IV. 33.
- Megarhroglossus proci*, J. & R., described as new from British Columbia, IV. 33; hosts of, IV. 33.
- Megarhroglossus sicamus*, J. & R., described as new from *Canis latrans* in Br. Columbia, IV. 33.
- megastoma*, *Cuterebra*.
- megista*, *Triatoma* (*Conorhinus*, *Lamius*).
- megnini*, *Ornithodoros*.
- Megnina cubitalis*, Megn., on turkeys in U.S.A., VI. 14.
- Megnina gallinulae*, Buchh., on fowls in Canada, X. 82.
- meigenanus*, *Aedes* (*Ochlerotatus*) *punctor*.
- meigeni*, *Sarcophila* (see *Wohlfahrtia magnifica*); *Wohlfahrtia*.
- melaleuca*, *Ornithoica*.
- melanocephala*, *Wyeomyia*.
- melanocephalum*, *Tapinoma*.
- melanocerus*, *Tabanus*.
- Melanoconion*, notice of key to species of, IX. 73; a subgenus of *Culex*, q.v.
- melanogaster*, *Drosophila*; *Tabanus*.
- melanophyllum*, *Deinocerites*.
- Melanoplus angustipennis*, Dodge, attacked by *Euthrombidium trigonum* in N. America, VI. 147.
- Melanoplus bivittatus*, Say, attacked by *Euthrombidium trigonum* in N. America, VI. 147.
- Melanoplus differentialis*, Thom., attacked by *Euthrombidium trigonum* in N. America, VI. 147.
- Melanoplus femur-rubrum*, DeG., used for obtaining pure cultures of flagellates, X. 162.
- Melanoplus spretus*, Thom., attacked by *Euthrombidium trigonum* in N. America, VI. 147.
- melanoptera*, *Dichelacera*.
- melanopterus*, *Tabanus*.
- melanopus*, *Pangonia*; *Wyeomyia*.
- melanosoma*, *Dichelacera*.
- melanostictus*, *Thysanognathus* (*Priognathus*).
- Melanotabanus fuliginosus*, Lutz & Neiva, described as new from Brazil, III. 82.
- melanura*, *Sarcophaga*.
- melanurus*, *Culex* (*Climacura*).
- meleagridis*, *Pseudofersia*.
- melesinus*, *Demodex*.
- Melinda cognata*, Mg., larva of, attacking molluscs, VIII. 24, IX. 149.
- melis*, *Ceratophyllum*.
- Melissomorpha oestroides* (see *Aderisia*).
- Melittobia acastra*, Wlk., of doubtful value for introduction into Australia, VIII. 174; a hyperparasite of flies in Britain, IV. 146, VIII. 22; parasite of *Calliphora*, V. 68.
- Mellinus*, predacious on *Stomoxys*, I. 147, VIII. 103.
- Mellinus arvensis*, L., predacious on house-flies in Germany, X. 195.
- mellonella*, *Galleria*.
- Melož*, use of, in medicine, X. 60.
- Meloë majalis*, L., attacked by *Ceratopogon*, VI. 37.

- Melolontha*, intermediate host of *Echinorhynchus gigas*, IV. 176.
- Melophagus*, measures against, on sheep in France, V. 122; pupiparous habits of, VII. 174.
- Melophagus ovinus*, L., in Australia, II. 129, 130, III. 17, V. 118, VI. 42, VII. 61, 120; in Britain, X. 57, 148, 222; in Canada, III. 155; in Germany, VIII. 45; in New Zealand, V. 191, VII. 107, 180, VIII. 34, X. 183; in U.S.A., III. 149, 175, IV. 79, V. 145, VI. 170, IX. 17, 110, X. 199; microorganisms found in, II. 45, 54, 201, III. 111, IV. 103, VII. 68, 160, VIII. 42, 45, 61, IX. 96, 148, X. 222; transmitting trypanosomiasis of sheep, VIII. 45, X. 222; bionomics of, I. 225, 234, III. 175, V. 145, VI. 42, VII. 120; respiratory system of larva of, VI. 185; sheep skins damaged by, X. 57; measures against, III. 175, IV. 79, V. 118, 145, 191, VI. 170, VII. 120; legislation against, III. 17, VII. 61.
- Melophagus ovinus* subsp. *montanus*, Ferris & Cole, described as new from mountain sheep in Alaska, X. 175.
- Melusina* (see *Simulium*).
- Memnemyia*, gen. n., proposed for *Anopheles brevipalpis*, III. 212.
- mendicus*, *Tabanus*.
- Menemerus bivittatus*, Duf., in Brazil, V. 28.
- Menolepis*, notice of key to species of, VIII. 32.
- Menolepis tasmaniensis* (see *Aedes nigrithorax*).
- Menopon*, *Rickettsia* in, X. 229; feeding on blood, IX. 43.
- Menopon biserialatum*, Piag., infesting poultry, II. 21, III. 149, 158, 186, IV. 13, 166, VI. 14, 142, VIII. 13, 127, 166; measures against, II. 44, III. 186, VIII. 13, 127.
- Menopon longicephalum*, Kell., measures against, on pigeons in U.S.A., X. 227.
- Menopon pallidum*, Nitzsch, infesting poultry, II. 21, 44, III. 38, 153, 186, IV. 13, 166, 191, V. 184, VI. 14, 142, VIII. 13, 127, 164, X. 180, 199; measures against, III. 186, VIII. 13, 127.
- Menopon phaeostomum*, Nitzsch, on peafowls, IV. 13.
- Menopon trigonocephalum*, Olf. (see *M. pallidum*).
- menyites*, *Culex* (*Helcoporpa*).
- Meoneura*, in starlings' nests in Finland, X. 166.
- mera*, *Lagaropsylla*.
- mercurator*, *Aedes*.
- merdaria*, *Scatophaga*.
- meridiana*, *Mesembrina* (*Musca*).
- meridionalis*, Ferg. nec Thunb., *Tabanus* (*Therioplectes*) (see *T. adelaidae*); *Telmatoscopus*.
- merodaemon*, *Culex* (*Chocroporpa*).
- Meroplius stercorarius*, R.-D., spread of, by human agency, V. 192.
- meruense*, *Gyrostigma*.
- Mesembrina*, hibernation of, in Korea, X. 206.
- Mesembrina* (*Musca*) *meridiana*, L., not ovipositing on meat, VI. 81.
- Mesembrinella*, erroneously supposed to cause myiasis in Brazil, III. 194.
- Mesomyia* (*Chrysops*, *Nemorius*) *singularis*, Mg., in Morocco, IX. 143; *Diachlorus maroccanus* the male of, IX. 143.
- mesopotamiae*, *Anopheles hyrcanus*.
- mesopotamiensis*, *Culicoides*; *Leptocnops* (*Tersesthes*); *Musca*.
- mesopotamium*, *Hyalomma aegyptium*.
- Mesopsylla hebes*, J. & R., described as new from *Arvicola terrestris scythicus* in Turkestan, IV. 32.
- Mesopsylla lenis*, J. & R., described as new from Turkestan, IV. 32; hosts of, IV. 32.
- metalepticus*, *Aedes* (see *A. pullatus* var. *jugorum*).
- metallica*, *Phormia*; *Protocaliiphora*.
- metallicus*, *Aedes* (*Stegomyia*); *Tacniorhynchus*.
- Metathrombidium poriceps*, Oud., attacking man and animals in Europe, IV. 68, VI. 146.
- metempsyta*, *Culex* (*Carrollia*).
- meteorica*, *Hydrotaea*.
- metilia*, *Lucilia*.
- Metoponaplos*, gen. n., erected for *Pangonia parva*, IX. 50.
- Metoponaplos nigricans*, Ric., described as new from Cape Colony, IX. 50.
- Metoponaplos* (*Pangonia*) *parva*, Wlk. (*directa*, Wlk.), in Cape Colony, IX. 50.
- mexicanus*, *Tabanus* (*Chlorotabanus*).
- Miameya*, gen. n., VIII. 32.
- micans*, *Morellia*; *Stomatoceras*.
- Micraëdes*, probably a subgenus of

- Culex*, V. 53, X. 153; not a valid subgenus, X. 198.
- microannulatus*, *Culex* (see *C. sitiens*).
- Microcalliphora varipes* (see *Chrysomya*).
- microcephalus*, *Haematopinus* (see *Linognathus pedalis*).
- microchela*, *Palpomyia*.
- microchir*, *Antarctophthirius*.
- Microchrysa polita*, L., in British Isles, IV. 144, VII. 191; breeding in manure, VII. 191.
- Microconops*, gen. n., IX. 171.
- Microconops vexans*, Kieff., described as new from camels in Algeria, IX. 171.
- Microculex chryselatus* (see *Culex*).
- Microlynchia pusilla*, Speis., on pigeons in Brazil, IV. 137.
- Microphthirus*, gen. n., VIII. 71.
- Microphthirus* (*Enderleinellus*) *uncinatus*, Ferris, described as new from *Glaucomys* in N. America, IV. 177; correct genus for, VIII. 71.
- microplus*, *Boophilus* (*Margaropus*) *annulatus*.
- micropterus*, *Aedes*.
- Microstylum oberthuri*, Wulp, predacious on Tabanids in Formosa, VIII. 119.
- Microthrombidium*, *Leptus autumnalis* not a species of, VII. 87.
- Microthrombidium akamushi* (see *Trombidium*).
- Microthrombidium autumnalis* (see *Leptus*).
- Microthrombidium gliricolens*, Hirst, described as new from *Mus rattus* in Calcutta, III. 228.
- Microthrombidium guineense*, Bruyant & Joyeux, described as new from fowls and monkeys in French Guinea, I. 120.
- Microthrombidium pusillum*, Herm., attacking man and animals in Europe, VI. 146, 147.
- Microthrombidium tlalzahuatl*, Murray, attacking man in Mexico, VI. 147.
- Microthrombidium wickmanni*, Oud., attacking man in East Indies, VI. 147.
- microtonus*, *Atrichopogon*.
- micula*, *Lagaropsylla*.
- migonei*, *Phlebotomus*.
- miharai*, *Culicoides*.
- mikiranus*, *Aedes* (*Finlaya*).
- miles*, *Tabanus*.
- militaris*, *Sciara*.
- milleri*, *Tabanus*.
- milnei*, *Culicoides*.
- milni*, *Culex sitiens* (see *C. sitiens*).
- milsoni*, *Aedes* (*Culicada*, *Hulecoetomyia*, *Ochlerotatus*); *Tabanus* (see *T. milsoniensis*).
- milsoniensis*, *Tabanus*.
- milsonis*, *Tabanus*.
- Miltogramma*, parasite of *Bembex rostrata*, III. 195.
- mimesis*, *Aedes* (*Ochlerotatus*).
- Mimeteomyia atripes* (see *Rachionotomyia*).
- Mimeteomyia doddi*, Tayl. (see *Aedes tremula*).
- Mimeteomyia hilli*, Tayl. (see *Rachionotomyia filipes*).
- Mimeteomyia quasiornata* (see *Rachionotomyia*).
- mimeticus*, *Culex*; *Rhipicephalus evertsi*.
- Mimomyia*, characters of females of, X. 183; pupal characters of, V. 167; notice of key to, X. 229.
- Mimomyia chamberlaini*, Ludl., in Calcutta, IX. 124; in Cochin, II. 155.
- Mimomyia hispida*, Theo., in Gold Coast, IV. 112, VI. 16, X. 226; breeding-places of, IV. 112.
- Mimomyia mimomyiaformis*, Newst., in Gold Coast, X. 226; in Zanzibar, III. 49.
- Mimomyia minuta*, Theo. (see *Ficalbia minima*).
- Mimomyia plumosa*, Theo., in Gold Coast, IV. 112, VI. 16; breeding-places of, IV. 112.
- Mimomyia splendens*, Theo., in W. Africa, VI. 16, 39; breeding-places of, VI. 39.
- Mimomyia uniformis* (see *Ingramia*).
- mimomyiaformis*, *Mimomyia*.
- mimulus*, *Culex*.
- miniatus*, *Argas* (see *A. persicus*).
- minima*, *Diatomineura*; *Ficalbia*.
- minimum*, *Monomorium*.
- minimus*, *Anopheles* (*Myzomyia*); *Megarhinus* (*Toxorhynchites*).
- minor*, *Haematopinus*; *Notoedrus* (*Notoedres*, *Sarcoptes*) *cuniculi*, var.; *Palaeopsylla*; *Silvius*; *Trombicula*.
- minor*, Macq., *Tabanus*.
- minor*, Tayl., *Tabanus* (see *T. palmerstoni*).
- minuscula*, *Haematopota*.
- minuscularia*, *Haematopota*.
- minusculeum*, *Simulium* (see *S. amazonicum*).
- minusculeus*, *Culicoides*.
- minusculeus*, Ferg. & Hill nec Hine, *Tabanus* (see *T. palmerstoni*).

- minuta*, *Aspidoptera*; *Danielsia* (see *Aedes tremula*); *Lyperosia*; *Mimomyia* (see *Ficalbia minima*); *Sepsis*.
- minutissima*, *Limosina*.
- minutissimus*, *Culex* (*Lophoceratomyia*).
- minutum*, *Monomorium*.
- minutum*, *Lugger*, *Simulium*.
- minutum*, *Surc.* & *Rincones*, *Simulium* (see *S. amazonicum*).
- minutus*, *Aedes* (*Ochlerotatus*); *Brachygaster*; *Chrysops*; *Kirkioestrus* (*Kirkia*); *Phlebotomus* (*Prophlebotomus*).
- mira*, *Coenopsylla*.
- mirabilis*, *Pelecorhynchus*.
- mirificus*, *Culex*.
- Mirperus jaculus*, *Thunb.*, parasitised by *Leptomonas* in Belgian Congo, I. 141.
- misera*, *Sarcophaga*.
- mississippii*, *Aedes stimulans*.
- missouriensis*, *Hyletastes*.
- mitis*, *Chrysops*.
- mlokosiewiczii*, *Chrysops*.
- möbii*, *Bembex*.
- Mochlonyx*, respiration of larva of, VI. 182, VIII. 118, X. 211; thoracic air sacs of larva of, VII. 103.
- Mochlonyx* (*Corethra*) *culiciformis*, *DeG.* (*velutinus*, *Ruthe*), hibernation of, I. 40; larva of, IX. 186; effect of neutral salts on, IX. 185.
- Mochlostyrax* (see *Culex*).
- modalma*, *Wyeomyia*.
- modestus*, *Culex* (*Barraudius*); *Dermacenter*; *Neotabanus*.
- modicus*, *Tabanus*.
- moerbista*, *Sabethinus*.
- moerens*, *Chrysops*.
- molestans*, *Tabanus*.
- molestum*, *Simulium*.
- molestus*, *Chrysops*; *Culicoides*; *Tydeus*.
- molitor*, *Tenebrio*.
- mollis*, *Culex*.
- molossus*, *Catharsius*.
- moluccensis*, *Anopheles* (*Nyssorhynchus*) *mastersi*.
- moluccensis*, *Anopheles punctulatus* (*annulipes*).
- Monedula denticornis*, *Handl.*, predacious on flies in British Guiana, VI. 18.
- Monedula pantherina*, *Handl.*, predacious on Tabanids in British Guiana, V. 4.
- Monedula punctata*, *Lep.*, predacious on Tabanids in British Guiana, V. 4.
- Monedula signata*, *L.*, predacious on Tabanids in Brazil and British Guiana, V. 4, VI. 92; predacious on *Simulium* in U.S.A., IV. 82.
- Monedula surinamensis*, *Dahlb.*, predacious on Tabanids in British Guiana, V. 4.
- monetifera*, *Rachionotomyia*.
- Monohela litoraurea*, *I. & M.*, described as new from Gold Coast, X. 61.
- Monomorium bicolor*, *Em.*, causing oedema of eyelids of man in Sudan, VIII. 190.
- Monomorium destructor*, *Jerd.*, in houses in Jamaica, IX. 31.
- Monomorium latinode*, *Mayr*, experiments with cholera vibrios and, II. 127.
- Monomorium minimum*, *Buck.*, in U.S.A., V. 174, VI. 210; predacious on chicken mites, V. 174.
- Monomorium minutum*, *Mayr*, attacking *Argas persicus*, I. 115.
- Monomorium pharaonis*, *L.*, predacious on mosquitos in Sierra Leone, IV. 163; in U.S.A., V. 48, VI. 210; predacious on bed-bugs, V. 48.
- Monophlebus stebbingi*, *Green*, in India, I. 224.
- monspellensis*, *Haematopota bigoti*.
- monstrosus*, *Nosomma* (*Hyalomma*).
- montana*, *Diatomineura*.
- montanum*, *Simulium*.
- montanus*, *Anopheles albotaeniatus*; *Melophagus ovinus*; *Pelecorhynchus*; *Silvius*; *Tabanus*.
- monticola*, *Silvius*; *Simulium*.
- montivagus*, *Culicoides*.
- moralesi*, *Lesticocampa*.
- mordax*, *Tabanus*.
- mordens*, *Haematopota*.
- Morellia hortorum*, *Fall.*, in British Isles, IV. 145, VII. 191, VIII. 22; breeding-places of, VII. 191.
- Morellia micans*, *Macq.*, in N. America, III. 155, IV. 5, VII. 11; baits for, IV. 5; seasonal prevalence of, VII. 11.
- moretonensis*, *Tabanus*.
- morilli*, *Lucilia* (see *Pseudopyrellia cornicina*).
- morosus*, *Carausius* (*Dixippus*).
- morsitans*, *Glossina*; *Leiognathus* (see *Liponyssus bursa*); *Simulium*; *Theobaldia* (*Culex*, *Culicella*).
- mortificator*, *Culex*.
- mortuorum*, *Cynomyia* (*Sarcophaga*).
- mossmanni*, *Culex* (see *C. mimulus*).
- moubata*, *Ornithodoros*.
- moultoni*, *Armigeres*; *Uranotaenia*.

- Mucidus*, notice of key to, X. 229.
Mucidus alternans, Westw., in Australia, I. 11, III. 37, 207, IV. 11, 60, V. 67.
Mucidus laniger, Wied., in Sumatra, IV. 23.
Mucidus mucidus, Karsch, in Belgian Congo, I. 220; in W. Africa, V. 3, VI. 225; in Zanzibar, III. 49.
Mucidus nigerrimus, Theo., described as new from Sudan, II. 45.
Mucidus scatophagoides, Theo., at Accra, VI. 16; in India, III. 40; breeding-places of, in S. Africa, VIII. 9.
mucidus, *Mucidus*.
mucronatus, *Tabanus*.
muelleri, *Aedes* (*Heteronychia*).
multicolor, *Anopheles*.
multilineata, *Palpomyia*.
multimaculatus, *Culicoides*.
multiplex, *Aedes* (*Ochlerotatus*, *Pseudoskusea*).
multiplicalis, *Samea*.
multipunctatus, *Culicoides*.
multispinosus, *Culex* (*Mochlostyrax*); *Laelaps*.
muris, *Dermanyssus*; *Notoedrus* (*Notoedres*).
murphyi, *Hippocentrum*.
murreus, *Tabanus*.
mus, *Wyeomyia* (*Dodecamyia*).
Musca (*Philaematomyia*), notes on Oriental and Australian species of, X. 103-104; notice of key to Indian species of, VI. 1; breeding on ships, X. 142; natural enemies of, IV. 121, IX. 57, 79; characters of, III. 211, IV. 74; specific differences in, IV. 172.
Musca albiceps (see *Chrysomyia*).
Musca albomaculata, Macq., in Oriental Region, X. 104.
Musca angustifrons, Thomp. (see *M. humilis*).
Musca antiquissima, Wlk., considered synonymous with atypical form of *M. domestica*, X. 104.
Musca (*Eumusca*, *Viviparomusca*) *australis*, Macq. nec Boisd. (see *M. convexifrons*).
Musca autumnalis, DeG. (*corvina*, F., *ovipara*, Portch.), I. 151, 210; in British Isles, II. 19, III. 39, IV. 109, 144, VII. 71, VIII. 22; species allied to, in Egypt, VI. 239; in France, II. 134; in India, VI. 64; in Korea, VII. 142; bionomics of, IV. 109; hibernation of, VII. 142; natural enemies of, VIII. 22; an oviparous species, IX. 105, X. 104; *M. convexifrons* (*Eumusca australis*) erroneously recorded as, IV. 159, V. 164, VI. 68; synonymy of, IX. 105.
Musca bezzii, Patton & Cragg, described as new, I. 210; in India, I. 210, VIII. 159, IX. 207; in Oriental Region, X. 104; bionomics of, VIII. 159, IX. 207; parasites of, IX. 207.
Musca (*Philaematomyia*) *cingalaisina*, Big. (*indica*, Awati), a larviparous species in India, VI. 113; in Oriental Region, X. 104; *Awatia*, gen. n., proposed for, IX. 207; described as *Philaematomyia indica*, sp. n., VI. 113.
Musca conducens, Wlk. (see *M. humilis*).
Musca (*Eumusca*, *Viviparomusca*) *convexifrons*, Thoms. (*australis*, Macq. nec Boisd., *fergusoni*, J. & B., *lusoria*, Wied.), in Australia, VIII. 174, 187, 189, IX. 119, X. 14, 15, 104, 168; on cattle in India, I. 210; transmitting *Habronema*, VIII. 187, X. 15; not experimentally transmitting onchocerciasis, VIII. 174; bionomics of, X. 14, 168; chemistry of saliva of, III. 42; previously recorded as *M. corvina*, IV. 159, V. 164, VI. 68, X. 56; synonymy of, X. 104, 168.
Musca corvina, F. (see *M. autumnalis*).
Musca corvina vivipara, Portch. (see *M. larvipara*).
Musca craggi, Patton, described as new from India, X. 196.
Musca (*Philaematomyia*) *crassirostris*, Stein (*insignis*, Aust.), in India, I. 80, 209, 210, V. 39, 104, VI. 131, IX. 53, X. 104, 143, 195; in Dutch E. Indies, VIII. 71; in Mesopotamia, IX. 15; in Palestine, II. 100, IX. 194; in Philippines, VII. 194; causing intestinal myiasis in man, IX. 53, X. 195; experimentally transmitting surra, V. 39, 104; bionomics of, I. 80, 209, 210; chemistry of saliva of, III. 42; mouth-parts of, I. 80, 229; synonymy of, X. 104.
Musca determinata, Patton (see *M. domestica* (atypical)).
Musca determinata, Wlk. (see *M. nebulosa*).
Musca divaricata, Awati (see *M. domestica* (atypical)).
Musca (*Promusca*) *domestica*, L., in S. Africa, III. 163, IV. 80; in W. Africa, VI. 16; not found on

the Amazon, VII. 131; in Argentina, VI. 180, VIII. 61, 148; in Astrakhan, III. 68; in Australia, I. 165, III. 207, IV. 73, V. 164, VI. 41, 62, VII. 187, VIII. 51, 187, IX. 118, X. 1, 15, 56, 198; in Brazil, VII. 65; in British Isles, II. 19, IV. 102, 108, 144, 167, 168, 169, VII. 191, VIII. 218, X. 87; in Canada, III. 155, VI. 81; in Ceylon, III. 76; in Colombia, VI. 161; in Egypt, IV. 142, VI. 239, X. 35; in Fiji, II. 66, IV. 41, VI. 111, X. 169, 226; in France, IX. 166, 212, X. 160, 176, 224; in Gallipoli, IV. 92, VI. 26; in Germany, X. 160, 195; in British Guiana, IV. 194, VI. 177, 209, X. 217; in Hawaii, VI. 164, IX. 182; in India, IX. 125, 129; in Korea, VII. 142, IX. 180, X. 206; in Macedonia, VII. 67; in Manchuria, X. 45; in Mesopotamia, VIII. 15, IX. 127; in New Zealand, X. 165; in Palestine, II. 100; in Philippines, V. 61; in Poland, VIII. 119, 193; in Rumania, IX. 175; in Russia, I. 147, 152, IX. 115; in Salonika, IV. 179; in Samoa, II. 83; in Sumatra, VIII. 71; in Sweden, VII. 157; in U.S.A., I. 94, 165, II. 6, 22, 101, III. 92, 149, IV. 62, 106, V. 114, 125, 145, VI. 9, 103, 116, 158, 169, 210, VII. 10, VIII. 30, 127, 186, IX. 71, 126, 194, X. 26, 162, 163, 170; in West Indies, II. 175, III. 223; in Zanzibar, III. 50, VI. 46, 124; conveying anthrax, VIII. 105, X. 26; a doubtful carrier of hog cholera, VIII. 99; and dysentery, I. 117, II. 66, III. 127, IV. 93, 124, 143, V. 49, 66, 117, 126, 151, VI. 52, 112, VII. 28, 101, VIII. 4, 15, 69, 75, 110; and filariasis, III. 210; conveying *Habronema*, I. 165, 223, V. 126, VI. 13, 202, VII. 118, 158, VIII. 51, 187, X. 12, 15, 219; and leprosy, II. 40, 79, III. 120, IV. 85, VIII. 138; larvae of, not causing limberneck in poultry, VIII. 24; and lymphangitis, II. 69; causing myiasis, IX. 175, X. 155, 227; and ophthalmia, VII. 54; possible relation of, to poliomyelitis, I. 18, 216, V. 186, VI. 171; and trypanosomiasis, II. 9, V. 61, X. 163; viability of tubercle bacilli in, VIII. 138; and typhoid, III.

152; not carrying typhus, II. 172, VII. 133; a doubtful carrier of yaws, III. 76; various organisms carried by, I. 36, 165, II. 19, 62, 83, 93, 137, 166, 174, III. 46, 123, IV. 51, V. 49, 71, 117, 126, VI. 16, IX. 71, 126, 127, 129, X. 103, 162, 198; carriage of eggs of *Dermatobia hominis* by, VII. 65; lice carried by, VIII. 145; carrying parasitic mites, I. 197; *Onchocerca gibsoni* not surviving in, III. 207; bionomics of, I. 66, II. 52, 71, 159, III. 27, 42, 92-94, 125, 139, 163, 174, 207, IV. 20, 62, 80, 106, 167, V. 125, VII. 10, 67, 142, 191, VIII. 24, 186, IX. 15, 118, 121, X. 51, 160, 169; reproductive capacity of, V. 71; methods of dispersal of, I. 233, II. 38, III. 61, 101, IV. 96, 137, V. 81, VII. 121, VIII. 35, IX. 194; hibernation of, I. 146, II. 52, III. 89, 149, 215, V. 29, 58, 127, 154, VI. 9, 158, VIII. 193, IX. 29, 180, X. 135, 206; sense reactions of, IV. 156, VII. 56, VIII. 215, X. 35; possibly parasitic on snails, VIII. 24, X. 23; fungi infesting, I. 11, V. 116; other natural enemies of, I. 94, 108, 109, 149, II. 6, 22, 24, 29, 56, 134, III. 149, IV. 41, 73, V. 74, VI. 146, 148, VIII. 61, 218, X. 1, 56, 169, 195, 226; economic loss due to, V. 114; effect of chemicals on oviposition of, VI. 67, X. 83; fumigation against, III. 2, V. 121, 132, 174, VIII. 121, IX. 191; baits and traps for, I. 69, 73, 152, 191, II. 68, 71, 100, 134, 159, III. 134, 164, 165, 220, IV. 5, 14, 20, 53, 80, 92, 106, 142, 144, 169, 181, V. 23, 45, 52, 72, 93, 115, 121, 146, VI. 116, VII. 5, 10, 56, 67, 161, 192, VIII. 2, 30, IX. 16, 125, 158, 166; formula for spray against, IV. 191, VII. 37; other measures against, I. 31, 67, 68, 182, II. 52, 57, 111, 173, 191, IV. 18, 20, 108, 168, 191, V. 15, 23, VI. 103, 161, 177, 180, 209, VII. 67, 158, 192, VIII. 20, 30, 127, 148, IX. 15, 50, 89, 108, 212, X. 35, 87, 176, 198, 224; anatomy of, I. 22, II. 131, VII. 28; synonymy of, X. 104.

Musca domestica (atypical) (*M. determinata*, Patt., *M. divaricata*, Awati), bionomics of, in India, VIII. 159, 160, IX. 103; synonymy of, X. 104.

- Musca domestica* var. *determinata*, Patt. (see *M. domestica* (atypical)).
- Musca domestica* var. *determinata*, Wlk. (see *M. nebulo*).
- Musca eutaeniata*, Big. (see *M. humilis*).
- Musca (Viviparomusca) fergusonii*, J. & B. (see *M. convexifrons*).
- Musca gibsonii*, Patton & Cragg, described as new from S. India, I. 209; in Oriental Region, X. 104.
- Musca (Philaematomyia) gurneyi*, Patton & Cragg (see *M. inferior*).
- Musca hilli*, J. & B., described as new from Queensland, VIII. 189; a synonym of *M. ventrosa*, q.v.
- Musca humilis*, Wied. (*angustifrons*, Thomp., *eutaeniata*, Big., *promisca*, Awati), in Australia, IX. 119; in houses in Britain, II. 19, III. 175; in India, VI. 63, 64, VIII. 159, 160, IX. 103, 208; in Mesopotamia, IX. 15, 102, VIII. 15; and disease, VIII. 15; *Herpetomonas muscae-domesticae* in, IX. 208; bionomics of, VI. 63, 64, VIII. 159, 160, IX. 15, 102, 103; synonymy of, IX. 102, X. 104.
- Musca incerta*, Patton, described as new from Madras, X. 196; breeding-places of, X. 196.
- Musca indica*, Awati (see *M. cingalaisina*).
- Musca (Ptilolepis) inferior*, Stein, in Oriental Region, I. 210, VI. 131, X. 104; in Philippines, VII. 194; described as *Philaematomyia gurneyi*, sp. n., I. 210; mouth parts of, I. 229; the type of *Ptilolepis*, IX. 76.
- Musca insignis*, Aust. (see *M. crassirostris*).
- Musca kasauliensis*, Awati (see *M. ventrosa*).
- Musca larvipara*, Schnabl & Dziedzicki, *M. corvina vivipara* a synonym of, X. 104.
- Musca latiparafrons*, Awati (see *M. gibsonii*).
- Musca leprae*, L., III. 113.
- Musca (Philaematomyia, Pristiryhynchomyia) lineata*, Brunetti, in Oriental Region, X. 104; mouth parts of, I. 229; generic position of, I. 210.
- Musca lusoria*, Wied. (see *M. convexifrons*).
- Musca meridiana* (see *Mesembrina*).
- Musca mesopotamiensis*, Patton, described as new from Mesopotamia, IX. 15; bionomics of, IX. 15.
- Musca nebulo*, F. (*determinata*, Wlk.), in Australia, IX. 119; in India, I. 208, VI. 63, 64, IX. 208; in Mesopotamia, IX. 15; associated with man in Oriental Region, X. 104; *Herpetomonas* in, I. 208, IX. 208; not transmitting oriental sore, IX. 208; bionomics of, VI. 63, 64, IX. 15; frequenting houses, III. 175; chemistry of saliva of, III. 42; mouth parts of, I. 229.
- Musca nigrithorax*, Stein (see *M. ventrosa*).
- Musca ovipara*, Portch. (see *M. autumnalis*).
- Musca pattoni*, Aust., relation of, to domestic animals in Oriental Region, X. 104; blood-feeding habits of, I. 209; chemistry of saliva of, III. 42.
- Musca pilosa*, Awati (see *M. bezzii*).
- Musca pollinosa*, Stein (see *M. cingalaisina*).
- Musca praecox*, Wlk. (see *M. humilis*).
- Musca prashadi*, Patton, described as new from Kashmir, X. 196.
- Musca promisca*, Awati (see *M. humilis*).
- Musca (Eumusca) pumila*, Macq. (*vetustissima*, Wlk.), distribution of, X. 104; in Australia, I. 165, VII. 187, VIII. 187, 189, X. 14, 15 (*humilis* in error), X. 168; transmission of *Habronema* by, I. 165, VIII. 187, 189, X. 15 (*humilis* in error); not experimentally transmitting onchocerciasis, III. 207, VIII. 174; bionomics of, X. 14; in houses, III. 175; synonymy of, X. 168.
- Musca putoria*, Wied. (see *Chrysomya albiceps*).
- Musca senior-whitei*, Patton, described as new from Madras, X. 196; attacking cattle, X. 196.
- Musca setigera*, Awati (see *M. albomaculata*).
- Musca spinokumera*, Awati, in Oriental Region, X. 104; a haematophagous species, X. 104.
- Musca spinosa*, Awati (see *M. pattoni*).
- Musca (Biomyia) tempestata*, Bezzi, feeding in conjunction with *Stomoxys* in Zanzibar, VI. 46.
- Musca tempestiva*, Fall., bionomics of, in Mesopotamia, IX. 15.
- Musca terraereginae*, Johnst. &

- Bancr., described as new, VIII. 189; in Australasian Region, VIII. 187, 189, X. 104, 168; transmitting *Habronema* in Queensland, VIII. 187, 189, X. 15; not experimentally transmitting onchocerciasis, VIII. 174.
- Musca ventrosa*, Wied. (*hilli*, J. & B., *nigrithorax*, Stein), distribution of, X. 104; in Australia, VIII. 187, 189, IX. 119, X. 15, 138; in India, VI. 63; transmitting *Habronema*, VIII. 187, X. 15; bionomics of, VIII. 189; described as *M. hilli*, sp. n., VIII. 187; synonymy of, X. 104.
- Musca vetustissima*, Wlk. (see *M. pumila*).
- Musca vicaria*, Wlk. (see *M. domestica*).
- Musca villeneuvei*, Patton, described as new from India, X. 196; breeding-places of, X. 196.
- Musca (Plaxemyia) vitripennis*, Mg., bionomics of, in Mesopotamia, IX. 15; in Russia, I. 151.
- Musca vomitoria* (see *Calliphora*).
- muscae*, *Macrocheles*; *Spalangia* (see *S. rugosicollis*).
- muscardini*, *Demodex*.
- muscaria*, *Phorbia*.
- muscarum*, *Acarus*; *Stenomalus*; *Trombidium*.
- muscidarum*, *Spalangia*.
- Muscidifurax raptor*, Gir. & Saund., parasite of flies in Britain, VIII. 22.
- Muscina*, VII. 40; larva of, in nest of *Passer griseus*, II. 69.
- Muscina assimilis*, Fall., in Canada, III. 155; in U.S.A., IV. 5, V. 125, VII. 10; seasonal prevalence of, V. 125, VII. 10; trap for, IV. 5.
- Muscina heterochaeta* (see *Passeromyia*).
- Muscina pabulorum*, Fin., in Britain, III. 89, IV. 143; in Russia, I. 109; bionomics of, I. 109, IV. 143.
- Muscina (Cyrtoneura) stabulans*, Fall., in Australia, III. 210, VIII. 189, IX. 155; in Austria, VI. 81; in Britain, I. 66, II. 19, III. 89, 175, IV. 87, 109, 121, 143, VIII. 22; in Canada, III. 155; in Egypt, VI. 239; in Gallipoli, IV. 92, VI. 26; in Korea, VII. 142, X. 45, 206; in Manchuria, X. 45; in Poland, VIII. 119; in Russia, I. 108; in Sweden, VII. 157; in U.S.A., III. 61, 62, IV. 5, V. 125, 145, VI. 103, 116, VII. 10; on the battlefield, IV. 17; causing myiasis, I. 67, 110, X. 45; bionomics of, I. 103-110, IV. 143; hibernation of, X. 206; bred from rotting potatoes, VIII. 189; seasonal prevalence of, V. 125, VII. 10; in dead bodies, IX. 121; dispersal of, by man, IV. 96; attacking larvae of other Muscids, I. 108, II. 134; possibly a parasite of snails, X. 23; parasitised by *Dibrachys cavus*, VIII. 22; baits and traps for, II. 111, IV. 5, V. 45, VI. 116.
- musculi*, *Ctenophthalmus*; *Demodex*; *Leptopsylla (Ctenopsylla)*; *Notodrus (Notoedres)*.
- musgravii*, *Tabanus*.
- musica*, Say, *Psorophora (Janthinosoma)* (see *P. sayi*).
- musica*, auct., *Psorophora (Janthinosoma)* (see *P. posticata*).
- mustelae*, *Ceratophyllus*.
- mutans*, *Cnemidocoptes (Sarcoptes)*.
- mutatum*, *Simulium (Prosimulium)*.
- mutilatus*, *Carpophilus*.
- Mutilla auxiliaris*, Turner, described as new from Portuguese E. Africa, VIII. 113; parasite of *Glossina morsitans*, VIII. 113.
- Mutilla benefactrix*, Turner, described as new, IV. 116; parasite of *Glossina morsitans* in Nyasaland, IV. 113, 116, VIII. 207.
- Mutilla glossina*, Turner, VIII. 113; described as new, III. 118; parasite of *Glossina morsitans* in Nyasaland and Rhodesia, III. 142, IV. 28, 65, 113, 116, 117, 122, VIII. 206.
- Mycetaulus bipunctatus*, Fall., in starlings' nests in Finland, X. 166.
- Mycetobia pallipes*, Mg., *Helicospiridium parasiticum* infecting, IX. 148.
- Mycteromyia*, blood-sucking habits of, I. 66.
- Mycterotypus lauræ* (see *Tersesthes*).
- Mydaea*, infesting birds' nests in Central and S. America, VIII. 69; in Eritrea, IV. 156; larvae of, parasitic on woodpeckers, III. 122.
- Mydaea anomala*, Jaenn. (see *Phylornis pici*).
- Mydaea impuncta*, Fall., in houses in Britain, IV. 144.
- Mydaea lucorum*, Fall., bionomics of, in Britain, IV. 143.

- Mydaea (Myospila) mediatubunda*, F., in houses in Britain, IV. **144**; in Canada, III. **155**; bionomics of, in Russia, I. **150**.
- Mydaea obscurata*, Mg., in houses in Britain, IV. **144**.
- Mydaea pici* (see *Philornis*).
- Mydaea torquans* (see *Philornis*).
- Mydaea uliginosa*, Fall., in houses in Britain, IV. **144**.
- Mydaea urbana*, Mg., in houses in Britain, IV. **144**; in Russia, I. **151**.
- Mylabris*, use of, in medicine, X. **60**.
- Mylabris chircorii*, F., cantharidin obtained from, X. **128**.
- Mylabris nubica*, de Marseul, affecting man in Khartoum, VI. **194**.
- Mylabris phalerata*, Fall., cantharidin obtained from, in China, X. **128**.
- Mylabris sidac*, F., cantharidin obtained from, in China, X. **128**.
- Myobia*, on *Pitymys savii* in Italy, VIII. **201**.
- Myobia ensifera*, Poppe, on *Mus norvegicus* in Britain, III. **9**.
- Myodopsylla gentilis*, J. & R., described as new from bats in British Columbia, IX. **61**.
- Myodopsylla subulata*, Chapin, on *Myotis subulatus* in U.S.A., VII. **121**.
- Myonyssus*, on rats, I. **229**.
- Myonyssus decumani*, Tir., on *Mus musculus* in Britain, IV. **142**; in West Indies, I. **186**.
- Myonyssus gigas*, Oudms., hosts of, in Britain, IV. **142**.
- Myospila mediatubunda* (see *Mydaea*).
- Myotyphlus*, on rats in Tasmania, VI. **157**.
- Myrmecia*, attacking man in Australia, X. **168**.
- Myzomyia*, a subgenus of *Anopheles*, q.v.
- myzomyiifacies*, *Anopheles* (*Pyrethrophorus*) (see *A. hispaniola*).
- Myzorhynchella*, a subgenus of *Anopheles* (q.v.), VII. **23**.
- Myzorhynchus*, a subgenus of *Anopheles*, q.v.
- N.**
- nadayanus*, *Culicoides*.
- nagamiensis*, *Tabanus*.
- nairobiensis*, *Ixodes*.
- nantuckensis*, *Tabanus atratus*.
- nanulus*, *Culicoides*.
- nanum*, *Simulium*.
- nanus*, *Demodex*.
- naponense*, *Amblyomma*.
- nasalis*, *Gastrophilus* (*Rhinogastrophilus*); *Rhinoestrus* (see *R. purpureus*).
- Nasonia brevicornis*, Ashm., parasite of blow-flies in Australia, III. **15**, **185**, IV. **179**, V. **6**, **166**, VII. **100**, **124**, VIII. **13**, **174**, IX. **155**, **156**, X. **1**, **2**, **56**, **134**, **235**; parasite of flies in Britain, VIII. **22**, **218**; in Chile, III. **15**; parasite of *Phormia azurea* in Europe, VI. **155**; parasite of *Stomoxys calcitrans* in France, X. **30**; introduced into New Zealand, X. **165**; parasite of *Lucilia* and *Phormia* in U.S.A., IV. **2**; experiments with, as a parasite of *Glossina*, V. **157-159**; bionomics of, III. **16**, X. **134**.
- nasutus*, *Rhodnius*.
- natalensis*, *Anopheles*; *Psoroptes*.
- natricis*, *Ophionyssus*.
- Naucoris*, in Russia, I. **195**; predacious on Anopheline larvae, IX. **142**.
- Naucoris cimicoides*, L., inoculation of, with Leptomonads, IX. **144**.
- nearctica*, *Sarcophaga scoparia*.
- nearcticus*, *Aedes* (*Ochlerotatus*) (see *A. alpinus*).
- neavei*, *Culicoides*; *Pangonia*; *Rhipicephalus*; *Simulium*.
- nebulo*, *Musca*.
- nebulosus*, *Culex* (*Culicomyia*).
- Necremnus leucarthros*, Thoms., parasite of flies in Britain, VIII. **22**.
- Necrobia ruficollis*, F., bionomics of, in British Isles, VIII. **58**.
- Necrobia rufipes*, DeG., on hides from India, III. **143**; found in copra, VIII. **150**.
- Necrophorus fossor*, Erichs., in dead bodies, IX. **121**.
- Necrophorus humator*, F., predacious on flies in Britain, VIII. **22**.
- nefanda*, *Haematopota*.
- negativus*, *Tabanus*.
- neglectus*, *Phlebotomus*.
- negrensis*, *Wyeomyia*.
- neireti*, *Culex*; *Uranotaenia*.
- neivai*, *Anopheles* (*Dendropaedium*); *Diachlorus*; *Sarcophaga*.
- nemocallosus*, *Tabanus*.
- Nemopoda cylindrica*, F., bionomics of, in Britain, IV. **143**; in France, II. **134**; breeding-places of, in U.S.A., VI. **116**; spread of, by human agency, V. **192**.
- nemopunctatus*, *Tabanus*.

- nemoralis*, *Tabanus*.
Nemorius, IX. **144**; in Russia, III. **195**; notice of key to, IX. **46**.
Nemorius singularis (see *Mesomyia*).
nemorosus, Mg., *Aedes* (*Culex*) (see *A. communis*).
nemorosus, auct., *Culicada* (*Ochlerotatus*) (see *Aedes punctor* var. *meigenanus*).
nemorum, *Ritteria*.
nemotuberculatus, *Tabanus*.
neopicalis, *Psorophora* (*Culex*, *Janthinosoma*) (see *P. confinnis*).
Neocalliphora ochracea, Schiner, in Australia, III. **14**, **185**, V. **6**, VIII. **73**, IX. **155**; bionomics of, V. **6**.
Neocellia (see *Anopheles*).
Neoceratopogon bellus, Coq., in Illinois, IV. **55**.
Neochrysops, gen. n., VII. **128**.
Neochrysops globosus, McAtee & Walton, described as new from U.S.A., VII. **128**.
Neoculex, X. **153**; a subgenus of *Culex* (q.v.), VIII. **101**.
Neocuterebra squamosa, Grünb., infesting the African elephant, III. **100**, IV. **40**, VI. **107**, VII. **117**.
Neohaematopinus antennatus, Osborn, var. *semifasciatus*, Ferris, on squirrel in N. America, IV. **177**.
neolatifrons, *Tabanus*.
Neomacleaya australis, Tayl. nec Erichs., described as new, IV. **11**; a synonym of *Culex hilli*, q.v.
Neomelanoconion chrysothorax (see *Culex*).
Neomelanoconion palpalis (see *Aedes*).
Neomyzomyia (see *Anopheles*).
neopalpalis, *Tabanus*.
Neophlebotomus, a subgenus of *Phlebotomus* (q.v.), IX. **22**.
Neopollenia stygia (see *Pollenia*).
Neopollenia villosa, R.-D. (see *Pollenia stygia*).
Neopsylla faceta, Roths., described as new from squirrel in U.S.A., IV. **33**.
Neopsylla inopina, Roths., described as new from rodents in Canada, IV. **33**.
Neopsylla securo, Roths., described as new from *Epimys* in India, IV. **33**.
Neopsylla similis, Chapin, on *Peromyscus* in U.S.A., VII. **121**.
Neopsylla spinea, Roths., described as new from Rumania, IV. **33**; hosts of, IV. **33**.
Neopsylla stevensi, Roths., described as new from *Epimys fulvescens* in India, IV. **33**.
Neopsylla testor, Roths., described as new from U.S.A., IV. **33**.
Neosquamomyia, gen. n., II. **135**.
Neosquamomyia breinli (see *Armigeres*).
Neostethopheles aitkeni (see *Anopheles*).
Neotabanus comitans, Wied., in Brazil, III. **81**, IV. **36**, VI. **90**.
Neotabanus dorsiger, Wied., in Brazil, VI. **90**.
Neotabanus ixyostactes, Wied., in Brazil, III. **81**.
Neotabanus modestus, Wied., in Brazil, VI. **90**.
Neotabanus obsoletus, Wied., in Brazil, III. **81**.
Neotabanus (Tabanus) ochrophilus, Lutz, in Brazil, II. **107**, III. **81**, IV. **36**.
Neotabanus triangulum, Wied., in Brazil, III. **81**, IV. **36**; larva of, II. **107**.
Neotabanus trilineatus (see *Tabanus*).
neotricolor, *Erephopsis*.
Neottiophyllum praeustum, Mg., parasitising birds in Central Europe, IX. **20**, X. **140**.
Nepa cinerea, L., predacious on mosquito larvae in Macedonia, VI. **162**; experimental transmission of flagellates of, III. **68**, **154**, VI. **44**, **103**, VIII. **42**, IX. **96**.
nepenthis, *Rachionotomyia*.
nervosa, *Aspilota*.
neumanni, *Haemaphysalis*.
nevadensis, *Hemileuca*.
Nevermannia (see *Simulium*).
newsteadii, *Culicoides*.
Newsteadia (see *Sergentiomyia*).
Newsteadina, gen. n., proposed for *Stomoxys fuscus*, IX. **207**.
nicceriensis, *Culex*.
nicnic, *Phlebotomus*.
nidi, *Haemogamasus*.
nidicola, *Carnus* (*Hylemyia*); *Coriticaria*.
nidulans, *Sarcopterinus*.
nigellus, *Culicoides*.
niger, *Aedes* (*Ochlerotatus*); *Chrysops*; *Culex nocturnus*.
nigeriae, *Culicoides*; *Dasyhelea*.
nigeriensis, *Aedes* (*Ochlerotatus*).
nigerrima, *Culicomyia* (see *Culex minutissimus*); *Uranotaenia*.
nigerrimus, *Anopheles* (see *A. hyrcanus*); *Mucidus*; *Phlebotomus perniciosus*.

- nigra*, *Olfersia*; *Ophyra*; *Spalangia*; *Stomoxys*.
- nigrans*, *Anopheles* (see *A. karwari*).
- nigrescens*, *Aedes* (see *Culex castrensis*); *Culex* (*Danielsia*).
- nigricans*, *Cuterebra*; *Dasyhelea*; *Metoponaplos*; *Ornithoctona*; *Taeniorhynchus* (*Mansonina*).
- nigricephalus*, *Aedes* (*Ochlerotatus*).
- nigriceps*, *Chrysomyia* (see *C. com-brea*).
- nigrifacies*, *Tabanus*.
- nigrimana*, *Lonchaea*.
- nigrinus*, *Aedes* (*Culicada*, *Ochlerotatus*) (see *A. sticticus*).
- nigripalpis*, *Lucilia* (see *L. sylvarum*).
- nigripalpus*, *Culex*.
- nigripennis*, *Chrysomyia* (see *C. marginalis*); *Culicoides*; *Ectenopsis vulpecula*; *Haematopota*; *Pelecorhynchus*.
- nigripes*, *Aedes* (*Culex*, *Ochlerotatus*) (see *A. alpinus*); *Anopheles* (*Ceolodiazesis*) (see *A. plumbeus*); *Chrysops*; *Palpomyia*; *Uranotaenia*.
- nigripes* var. *sylvae*, *Aedes* (see *A. sticticus*).
- nigrirostris*, *Culex fatigans*.
- nigristigma*, *Diachlorus*.
- nigritarsis*, *Anopheles* (*Myzorhynchella*); *Tabanus*.
- nigrithorax*, *Aedes* (*Ochlerotatus*); *Musca* (see *M. ventrosa*).
- nigritibialis*, *Dicrobezzia*.
- nigritta*, *Olfersia*.
- nigritulus*, *Culex*.
- nigroapicalis*, *Silvius*.
- nigrocincta*, *Cuterebra*.
- nigrofusca*, *Dasyhelea*; *Glossina*.
- nigrolineatus*, *Dermacentor*.
- nigromaculis*, *Aedes*.
- nigrosignatus*, *Taeniorhynchus* (see *T. giblini*).
- nigrostriatus*, *Tabanus*.
- nigroviolacea*, *Paratricyclea*.
- nigrovittatus*, *Demoplatus*; *Tabanus*.
- nigrum*, *Homoeomma*; *Simulium* (*Wilhelmia*).
- nilgircus*, *Culex*.
- nilgiriensis*, *Ceratophyllus*.
- nili*, *Anopheles*.
- nilicola*, *Atrichopogon*.
- niligena*, *Ceratopogon*.
- Nilobezzia armata*, Kieff., described as new from Sudan, X. 52.
- Nilobezzia armata* var. *albipennis*, Kieff., described as new from Sudan, X. 52.
- Nilobezzia armata* var. *flaviventris*, Kieff., described as new from Sudan, X. 52.
- nilogenus*, *Culicoides*.
- Nilohelia albipennis*, Kieff., described as new from Sudan, X. 52.
- nilophilus*, *Culicoides*.
- nilotica*, *Lepidohelea*.
- niloticus*, *Atrichopogon conglomeratus*.
- nimbus*, *Anopheles* (*Stethomyia*).
- niphadopsis*, *Aedes*.
- Niptus hololeucus*, Fald., infesting casein in Britain, IV. 179.
- Nirmus*, feeding on blood, IX. 43.
- nitens*, *Dermacentor*; *Rhipicephalus* (see *R. appendiculatus*).
- nitidifrons*, *Simulium ornatum*.
- nitidula*, *Psilohelea*.
- nitidum*, *Hyalomma*; *Pseudoselasomma*; *Simulium* (see *S. amazonicum*).
- nitidus*, *Sabethoides*.
- Nitzschia pulicaris*, Nitzsch (see *Dennyus truncatus*).
- nivarleti*, *Rhinoestrus*.
- niveitaeniata*, *Theobaldia*.
- niveopalpis*, *Anopheles* (see *A. eiseni*).
- niveovittata*, *Erephopsis* (see *Oscalimbithorax*).
- niveus*, *Dermacentor reticulatus*.
- nivipes*, *Anopheles fuliginosus*; *Trichoprosopon*; *Uranotaenia* (*Anisocheleomyia*).
- nivipous*, *Uranotaenia*.
- nivosus*, *Tabanus*.
- nobile*, *Simulium*.
- nobilis*, *Lucilia* (see *L. sericata*).
- noctifer*, *Chrysops*.
- nocturnus*, *Culex* (see *Aedes vexans*); *Taeniorhynchus* (*Chrysoconops*) (see *T. cristatus*).
- nodosus*, *Chelifera* (*Chernes*).
- nölli*, *Simulium*.
- normanensis*, *Aedes* (*Culex*, *Ochlerotatus*).
- Nosomma*, gen. n., IX. 44.
- Nosomma* (*Hyalomma*) *monstrosus*, Nutt. & Warb., IX. 44; on pigs in India, VII. 69.
- notata*, *Chloropisca*; *Phora*; *Scatopse*.
- notatus*, *Silvius*.
- Notoedres* (see *Notoedrus*).
- notoedres*, *Sarcoptes* (see *Notoedrus muris*).
- Notoedrus* (*Notoedres*), causing mange in rats, I. 103, X. 4;

- measures against, on rabbits, X. **60.**
- Notoedrus* (*Notoedres*) *alepis*, R. & L., possibly infesting rats, IX. **122.**
- Notoedrus* (*Notoedres*, *Sarcoptes*) *cati*, Hering, causing mange in cats, V. **128**; remedies against, III. **5.**
- Notoedrus* (*Notoedres*) *cati* var. *cuniculi*, Gerl., causing mange in rabbits, VI. **94.**
- Notoedrus* (*Notocdres*, *Sarcoptes*) *cuniculi* var. *minor*, Raill., infesting rabbits, III. **226.**
- Notoedrus* (*Notoedres*) *muris*, Megn., at Accra, VI. **16**; in Britain, III. **9**; infesting rats, III. **9**, VI. **16**, IX. **122**, X. **43.**
- Notoedrus* (*Notoedres*) *musculi*, Oud., probably infesting rats, IX. **122.**
- Notonecta*, predacious on mosquito larvae, I. **195**, III. **69**, V. **104**, VI. **39**, IX. **75**, **142.**
- Notonecta* *glauca*, L., predacious on mosquito larvae in India and Macedonia, II. **154**, VI. **162**; inoculation of, with Leptomonads, IX. **144.**
- notoscriptus*, *Aedes* (*Ochlerotatus*, *Scutomyia*).
- novumbrosus*, *Anopheles* (*Myzorhynchus*).
- noxialis*, *Dermatobia* (*Cuterebra*) (see *D. hominis*).
- nubeculosus*, *Culicoides*.
- nubica*, *Mylabris*; *Xenopsylla*.
- nubilus*, *Aedes*.
- nudatus*, *Anomiopsyllus*.
- nudipennis*, *Dasyhelea*.
- nudus*, *Cytolichus* (*Cytodites*); *Ptilonyssus*; *Tabanus*.
- nummularia*, *Uropoda*.
- nursei*, *Pyretophorus* (see *Anopheles superpictus*).
- nurus*, *Sarcophaga* (see *S. haemorrhoidalis*).
- nuttalli*, *Ixodes*; *Laelaps*.
- nyassae*, *Liponyssus*.
- Nycteridocoptes pteropi*, Rodh. & Gedoelst, described as new from bats in Belgian Congo, IX. **114.**
- Nycterophilina*, gen. n., V. **29.**
- Nycterophilina coxata*, Ferris, described as new from *Macrotus californicus* in California, V. **29.**
- Nygma phaeorrhoea*, Don., urticating spines of, VI. **230.**
- Nysius*, probably transmitting flagellates to *Euphorbia*, IX. **106**, **107**, **120.**
- Nyssomyzomyia* (see *Anopheles*).
- Nysson*, predacious on flies in Australia, VI. **68.**
- Nyssorhynchus* (see *Anopheles*).

O.

- oberthuri*, *Microstylum*.
- obesa*, *Volucella*.
- obliquemaculatus*, *Tabanus* (see *T. leucostomus*).
- obliquus*, *Tabanus*.
- oblita*, *Dendromyia*; *Psorophora* (*Janthinosoma*) (see *P. posticata*).
- obliterata*, *Adalia*.
- oblongata*, *Stomoxys* (see *S. oblongopunctata*).
- oblongifolia*, *Amblycorypha*.
- oblongoguttatum*, *Amblyomma*.
- oblongopunctata*, *Stomoxys*.
- obreptans*, *Simulium*.
- obscura*, *Dasyhelea*; *Silpha*; *Uranotaenia*.
- obscurata*, *Mydaea*.
- obscurhirtus*, *Tabanus*.
- obscuripes*, *Tabanus*.
- obscurissimus*, *Tabanus*.
- obscurus*, *Aedes* (see *A. communis*); *Culex* (*Acalloeomyia*); *Tenebrio*.
- obsoleta*, *Haematopota*.
- obsoletus*, *Chrysops*; *Culicoides*, *Eristalis*; *Neotabanus*.
- obturbans*, *Armigeres* (*Desvoidya*, *Stegomyia*).
- occidentalis*, *Aedes* (*Culex*, *Ochlerotatus*); *Anopheles* (see *A. maculipennis*); *Dermacentor reticulatus*; *Rothschildella*.
- occulta*, *Wyeomyia*.
- oceaniae*, *Calliphora* (*Paracalliphora*) (see *Anastellorhina augur*).
- ocellatus*, *Culex*.
- ochi*, *Pygiopsylla*.
- Ochlerotatus*, a subgenus of *Aedes*, q.v.
- Ochlerotatus jamaicensis* (see *Psorophora*).
- Ochlerotatus pulchripalpis* (see *Orthopodomvia*).
- ochracea*, *Dichelacera*; *Neocalliphora*.
- ochraceus*, *Aedes* (*Ochlerotatus*).
- ochroleflavus*, *Tabanus*.
- ochrescentipes*, *Simulium*.
- ochripalpis*, *Sarcophaga* (see *S. irrequieta*).
- ochroleucus*, *Tabanus*.
- Ochromyia*, VII. **121.**
- Ochromyia jejuna*, F., predacious habits of, in India, VI. **131.**
- ochrophilus*, *Neotabanus* (*Tabanus*).
- Ochrops* (*Atylotus*) *fulvus*, Mg., IX. **145.**

- Ochrops kerteszi* (see *Tabanus*).
Ochrops loewianus, Villen., described as new, IX. 145; formerly confused with *O. fulvus*, IX. 145.
ochrosoma, *Kempia*.
ochrothorax, *Culicoides*.
ochrura, *Wyeomyia*.
Ocinara lewiniae (see *Trilocha*).
ocossa, *Culex* (*Melanoconion*).
octosignatus, *Culicoides*.
oculata, *Lucilia* (female) (see *L. pilata*); (male) (see *L. caesar*).
oculata, *Thelida*.
oculatus, *Ceratophyllus*; *Rhipicephalus*; *Tabanus*.
oculipilus, *Tabanus fuscipes*.
oculus, *Tabanus*.
Odagmia (see *Simulium*).
odiatu, *Culicoides*.
odibilis, *Culicoides*.
Odontomachus ruficeps, Sm., var. *acutidens*, Forel, predacious on *Lyperosia exigua* in Australia, VI. 119.
Odontomyia virgo, Wied., found in nest of *Bombex spinolae* in N. America, V. 74.
Oecacus hirundinis (see *Cimex*).
Oecophylla smaragdina, F., attacking man in Australia, X. 168.
Oecotha fenestralis, Fin., in houses in Britain, IV. 102.
Oedemagena tarandi, L., infesting caribou in N. Canada, VII. 196; in Lapland, VIII. 74, X. 40; infesting reindeer in Norway, VI. 78; bionomics and control of, X. 40; spiracles in larva of, VI. 139; egg of, VI. 166.
oestroides, *Adersia* (*Melissomorpha*).
Oestromyia marmotae, Gedoelst, described as new from marmot in Central Asia, VII. 116.
Oestrus, in imported goats in Dutch E. Indies, X. 232; hosts of, V. 49.
Oestrus aureoargentatus, Rodh. & Beq., infesting haartebeeste in Africa, III. 146, 198, VII. 170.
Oestrus bertrandi, Rodh. & Beq., described as new, III. 146; a synonym of *O. variolosus*, q.v.
Oestrus compositus, Gedoelst, described as new from antelopes in Africa, VII. 116.
Oestrus disjunctus, Gedoelst, described as new, VII. 116; infesting antelopes in Africa, VII. 116, 170.
Oestrus interruptus, Gedoelst, described as new from haartebeeste in Africa, VII. 170.
Oestrus macdonaldi, Ged., infesting haartebeeste in Africa, VII. 170.
Oestrus macropi (see *Tracheomvia*).
Oestrus maculator (see *Cephalopsis titillator*).
Oestrus ovis, L., in E. Africa, VII. 170; in W. Africa, III. 99; in Argentina, I. 148; in Australia, IV. 183, VI. 93, VII. 12, VIII. 74, 138, IX. 105; in Brazil, VI. 130; in Egypt, VI. 239; in France, X. 54; in Germany, IV. 10; in India and Mesopotamia, IX. 102; in Mexico, X. 69; in New Zealand, VII. 180, X. 183; in Russia, I. 134; in Turkey, X. 159; in U.S.A., III. 149, VI. 170, IX. 110, 183, X. 170, 199; infesting goats in Zanzibar, III. 48, VI. 47; infesting man, I. 134, 193, III. 32, 152, 159, VIII. 66, 151, 169, X. 54, 159; effect of, in sheep, IV. 10; causing anaphylaxis in sheep, VI. 44; bionomics of, I. 134-137, 234, VI. 93, IX. 102, 110, 133; measures against, I. 136, 148, II. 64, V. 177, VI. 93, 170, VIII. 138, IX. 102, 110, 183; posterior stigmata of larva of, II. 131.
Oestrus purpureus (see *Rhinoestrus*).
Oestrus titillator (see *Cephalopsis*).
Oestrus variolosus, Lw. (*bertrandi*, Rodh. & Beq.), infesting haartebeeste in Africa, II. 91, III. 99, 198, IV. 22; larva of *O. interruptus* recorded as, VII. 170; synonymy of, IV. 22; described as *O. bertrandi*, sp. n., III. 146.
okinawanus, *Tabanus*.
oknos, *Tabanus*.
oldi, *Ixodes*; *Pangonia*.
oleae, *Dacus*.
olens, *Helomyza*.
oleracca, *Tipula*.
oleraccum, *Eurydema* (*Pentatoma*).
Olfersia, infesting birds in Brazil, VI. 92.
Olfersia alipennis, Say, on birds in U.S.A., IV. 169, X. 148.
Olfersia americana, Leach, on birds in U.S.A., IV. 169, X. 148.
Olfersia angustifrons, Wulp, on birds in U.S.A., IV. 169.
Olfersia boiaurorum, Swenk, described as new from birds in U.S.A., IV. 169.
Olfersia capensis (see *Lynchia*).
Olfersia fusca, Macq., on birds in Brazil, IV. 138.
Olfersia holoptera, Lutz, Neiva &

- Costa Lima, described as new from birds in Brazil, IV. **138**.
Olfersia intertropica, Wlk., on birds in U.S.A., IV. **169**.
Olfersia (*Ortholfersia*) *macleayi*, Leach, hosts of, in Australia, III. **17**, VIII. **73**.
Olfersia nigra, Perty, on swallows in Brazil, IV. **138**.
Olfersia nigrita, Speis., in Philip-pines, VIII. **193**.
Olfersia palustris, Lutz, Neiva & Costa Lima, described as new from birds in Brazil, IV. **137**.
Olfersia raptatorum, Lutz, Neiva & Costa Lima, described as new from birds in Brazil, IV. **138**.
Olfersia scutellaris, Swenk, described as new from birds in U.S.A., IV. **169**.
Olfersia wolcotti, Swenk, described as new from birds in U.S.A., IV. **169**.
oligocena, *Glossina* (*Paloestrus*).
olivata, *Bembex*.
oliviae, *Hemileuca*.
Omaloplia, destroyed by Tabanid larvae, III. **195**.
omega, *Sarcofaga* (*Parasarcofaga*); *Stomoxys*.
omikron, *Sarcophaga*.
omoxantha, *Dasyhelea*.
omurensis, *Aedes* (*Ecculex*) (see *A. alboscuteUellatus*).
Oncopeltus famelicus, F., parasitised by *Leptomonas*, I. **141**.
Onesia cognata, Mg., bionomics of, in Britain, IV. **145**.
Onitis phartopus, Dalm., attempted introduction of, into Hawaii against *Lyperosia irritans*, X. **83**.
onondagensis, *Aedes* (see *A. dorsalis*).
Onthophagus bifasciatus, F., infesting the human intestine in Ceylon and India, VIII. **160**, X. **81**.
Onthophagus hecate, Panzer, *Gongy-lonema scutatum* found in, in U.S.A., IV. **63**.
Onthophagus pennsylvanicus, Harold, *Gongy-lonema scutatum* found in, in U.S.A., IV. **63**.
Onthophagus pugnax, Harold, attempted introduction of, into Hawaii against *Lyperosia irritans*, X. **83**.
opaca, *Erephopsis*; *Lyrosoma*; *Phora* (*Trupheoneura*).
opacum, *Pseudoselasoma*.
opacus, *Phanurus*.
Ophionyssus natricis, Gery., infesting *Vipera libetina* in Algeria, VI. **139**.
Ophyra aenescens, Wied., in U.S.A., V. **92**, IX. **194**; dispersion of, by flight, IX. **194**.
Ophyra analis, Macq., in Australia, VIII. **74**, IX. **155**; infesting sheep in New Zealand, X. **204**.
Ophyra cadaverina (see *Pyrellia*).
Ophyra chalcogaster, Wied., in Dutch E. Indies, VIII. **71**.
Ophyra hirtitibia, Stein, described as new from Dutch E. Indies, VIII. **71**.
Ophyra leucostoma, Wied., in Britain, IV. **109**, **143**; in U.S.A., IV. **5**, V. **92**, **125**, **145**, VI. **116**, VII. **10**, **121**, IX. **194**; bionomics of, IV. **143**; seasonal prevalence of, V. **125**, VII. **10**; dispersion of, by flight, VII. **121**, IX. **194**; breeding-places of, VI. **116**; not ovipositing on meat, VI. **81**; traps for, IV. **5**, V. **45**.
Ophyra nigra, Wied., in Australia, III. **15**, **185**, IV. **183**, V. **6**, **166**, VII. **100**, IX. **65**, **155**, X. **1**, **56**; in Korea, VII. **142**, IX. **180**, X. **206**; bionomics of, V. **6**, IX. **65**, **155**; infesting sheep, V. **166**; hibernation of, IX. **180**, X. **206**; parasites of, VII. **100**, X. **1**, **56**; anatomy of larva of, IX. **64**.
Ophyra simplex, Stein, in Dutch E. Indies, VIII. **71**.
Ophyra spinigera, Stein, in Dutch E. Indies, VIII. **71**.
Opifex fuscus, Hutton, in New Zealand, IX. **133**, X. **155**; new sub-family proposed for, X. **155**; systematic position of, IX. **133**.
optatus, *Tabanus*.
Orasema viridis, Ashm., planidium stage of, IX. **45**.
orbitale, *Simulium*.
oreophilus, *Aedes* (*Ochlerotatus*).
orientalis, *Anopheles* (*Neomyzomyia*) *punctulatus*; *Blatta* (*Periplaneta*); *Chrysomyia* (see *C. albiceps*); *Culex*; *Vespa*.
orientis, *Tabanus*.
originator, *Culex*.
orion, *Tabanus*.
ornata, *Rachionotomyia* (*Aedes*, *Stegomyia*); *Uranotaenia*.
ornatipes, *Leidodhelea*.
ornatissimus, *Tabanus*.
ornatothoracis, *Culex*.
ornatum, *Eurydema* (*Pentatoma*); *Simulium*.
ornatus, Mg., *Aedes* (*Ochlerotatus*, *Culex*, *Culicada*) (see *A. geniculatus*).

- ornatus*, Tayl., *Aëdes* (*Stegomyia*) (see *Rachionotomyia*).
- ornatus*, Theo., *Aëdes* (*Skusea*) *funereus*.
- ornatus*, *Glyciphagus*; *Pelecorhynchus* (see *P. maculipennis*).
- Ornithoetona*, notice of key to, X. 226.
- Ornithoetona albiventris*, Bau, described as new from owls in Cuba, X. 226.
- Ornithoetona erythrocephala*, Leach, distribution of, X. 148; in Brazil, IV. 138; on birds, IV. 138, X. 148.
- Ornithoetona haitiensis*, Big., in Cuba, X. 226.
- Ornithoetona nigricans*, Leach, in New Guinea, III. 155; in Philippines, VII. 193.
- Ornithodorus*, not found in French W. Africa and Tunisia, X. 12, 69; uta probably not carried by, in Peru, IV. 63; method of transmission of spirochaetes by, IX. 204.
- Ornithodorus amblus*, Chamberlain, infesting penguins in Peru, IX. 40.
- Ornithodorus asperus*, Warb., described as new from Mesopotamia, VII. 70.
- Ornithodorus canestrinii*, Bir., in Russia, V. 99.
- Ornithodorus coniceps*, Can. (see *O. talaje* var. *coniceps*).
- Ornithodorus coriaceus*, Koch, bionomics of, in California, IV. 119.
- Ornithodorus crossi*, Brumpt, transmission of surra by, in Punjab, X. 63.
- Ornithodorus erraticus*, Lucas, in N. Africa, VII. 86; on rodents in Egypt, III. 47.
- Ornithodorus furcosus*, Neum., possibly transmitting recurrent fever in Venezuela, X. 153.
- Ornithodorus lahorensis*, Neum., in India, V. 39, X. 63; conveying relapsing fever in Persia, VIII. 197; feeding on goats, V. 39.
- Ornithodorus maroccanus*, Velu, described as new, VII. 86; in Morocco, VII. 86, IX. 78, 150, X. 187; bionomics of, X. 187; attacking pigs, VII. 86; anatomy of, IX. 150.
- Ornithodorus megnini*, Dugés, in S. Africa, I. 139, II. 180, V. 186, VI. 32, IX. 8, 85, 160; in Argentina, VII. 11; in Canada, IV. 20; in U.S.A., II. 102a, 105, V. 80, 167, VI. 64, 169, 183, VII. 92, 93, VIII. 99, IX. 110; hosts of, IV. 80, VI. 64, 169, VII. 11, 92, 93, IX. 110, 160; bionomics of, V. 167, IX. 8; measures against, VI. 32, VII. 92, 93, IX. 85.
- Ornithodorus moubata*, Murr., III. 44, IV. 131, X. 139; in E. Africa, I. 76, II. 124, VI. 33, VII. 108, 151, 176, IX. 93; in Belgian Congo, IV. 64, V. 36, VII. 51, VIII. 17, X. 44, 146; in French Congo, II. 79; in Portuguese Congo, II. 117; in Madagascar, I. 120, V. 19; not found on the Niger, X. 172; in Nyasaland, VIII. 33; in N. Rhodesia, I. 171; in Somaliland, X. 158; in Italian Somaliland, IV. 70; in Uganda, III. 151; absent from Zanzibar, III. 50; and relapsing fever, I. 72, 116, 120, II. 79, 119, 124, IV. 64, 119, V. 19, 153, VI. 33, 138, 226, VII. 51, 108, 151, 176, IX. 93, X. 28, 146, 158, 219; experiments with *Leishmania* and, I. 2, IV. 103; life-history of *Spirochaeta duttoni* in, IX. 85; spirochaetes in, I. 33, 215, VI. 138; experimentally infected with *Trypanosoma cruzi*, II. 87, VI. 213; attempts to transmit *Trypanosoma rhodesiense* by, I. 172, IV. 44; bionomics of, III. 151, X. 25, 28, 44, 219; effect of rearing, on cold-blooded animals, X. 219; infesting dogs, III. 4; associated with pigs, IV. 44, 102, V. 36; resistance of, to various sheep dips, I. 63.
- Ornithodorus piriformis*, Warb., described as new from India, VII. 70.
- Ornithodorus reticulatus*, Gerv. (see *O. talaje*).
- Ornithodorus rostratus*, Arag., attacking man in Brazil, IX. 122; probably transmitting relapsing fever in Colombia, VII. 11; *O. turicata* compared with, VII. 11, VIII. 172.
- Ornithodorus savignyi*, Audouin, in E. Africa, II. 124, 152; in India, IV. 91, V. 39; in N. Nigeria, III. 129; in Somaliland, I. 116, II. 9, III. 72, 150, 229, IV. 70, VII. 151, VIII. 70; in Tunis, I. 43, 72; in Uganda, II. 124; experiments with *Leishmania* and, I. 1, 208; and relapsing fever, III. 72, 150,

- VIII. 70; bionomics of, III. 73, 129, 229, VII. 151, X. 139; feeding on goats, V. 39; pairing with *O. moubata*, X. 25.
- Ornithodoros talaje*, Guér., VIII. 89; on *Cerodon rupestris* in Brazil, VI. 80; in Chile, IV. 177, VI. 181; in Morocco, IX. 78; transmitting relapsing fever in Panama, IX. 198, X. 173; in Paraguay, VII. 11; infesting *Sula nebouxi* in Peru, IX. 40; in Russia, V. 99; in U.S.A., VI. 67; possibly transmitting relapsing fever in Venezuela, X. 158; attacking horses, IV. 177; attacking man, VI. 181, IX. 78; bionomics of, VII. 11; *O. maroccanus* allied to, IX. 151.
- Ornithodoros talaje* var. *coniceps*, Can., attacking man in France, VII. 115.
- Ornithodoros tholozani*, Lab. & Megn., in Persia, III. 124; in Russia, V. 99; in Transcaspia, II. 119; in Transcaucasia, X. 102; and relapsing fever, II. 119, III. 124, X. 102.
- Ornithodoros turicata*, Dugés, hosts of, in Argentina, VII. 11; transmitting relapsing fever in Colombia, III. 70; infesting man and pigs in Mexico, V. 36; species allied to, in Peru, IV. 63; probably transmitting relapsing fever in Venezuela, VIII. 2, X. 158; characters distinguishing *O. maroccanus* from, VII. 86, IX. 151; *O. rostratus* compared with, VII. 11, VIII. 172.
- Ornithoica*, notice of key to, X. 226.
- Ornithoica confluens*, Say (*confluenta*, Say), on birds in Brazil and U.S.A., IV. 138, X. 148.
- Ornithoica melaleuca*, Bau, described as new from owls in Cuba, X. 226.
- Ornithoica promiscua*, Ferris & Cole, described as new from birds in California, X. 175.
- Ornithomusca*, parasitic on birds, X. 139.
- Ornithomusca victoria*, Towns., described as new from nest of *Pardalotus* in Victoria, IV. 159.
- Ornithomyia anchineuria*, Speis., on birds in U.S.A., X. 148.
- Ornithomyia avicularia*, L., infesting nuthatches in Germany, X. 15; on ptarmigan in Norway, IV. 180; on crows in Ontario, X. 115.
- Ornithomyia buteonis*, Swenk, described as new from birds in U.S.A., IV. 169.
- Ornithomyia costaricensis*, Swenk, described as new from birds in U.S.A., IV. 169.
- Ornithomyia pirangae*, Swenk, described as new from birds in U.S.A., IV. 169.
- Orthellia cornicina* (see *Cryptolucilia*).
- Orthetrum brachiale*, P. de B., predacious on *Glossina morsitans* in Nyasaland, IX. 175.
- Orthetrum chrysostigma*, Burm., predacious on *Glossina morsitans* in Nyasaland, IV. 28, IX. 175.
- Orthocladus*, in Peru, I. 222.
- orthodoxa*, *Uranotaenia*.
- Ortholfersia macleayi* (see *Olfersia*).
- Orthopodomys*, notice of key to, X. 229; breeding in holes in trees, IX. 38.
- Orthopodomys albionensis*, MacGregor, described as new, VIII. 48; a synonym of *O. pulchripalpis*, q.v.
- Orthopodomys (Bancroftia) fascipes*, Coq., in Panama Canal Zone, IX. 108; in Trinidad, V. 60.
- Orthopodomys pulchripalpis*, Rond. (*albionensis*, MacGregor), bred from a tree-hole in Epping Forest, VIII. 13, 48; rare in France, IX. 38; described as *O. albionensis*, sp. n., VIII. 48; synonymy of, X. 18.
- Orthopodomys signifer*, Coq., breeding-places of, in N. Carolina, IV. 136.
- Orthostylus ambiguus*, Lutz & Neiva, described as new from Brazil, III. 82.
- oryzae*, *Calandra*.
- Oryzaephilus surinamensis* (see *Silvanus*).
- osborni*, *Glossina*.
- Osca*, *Diatomineura* a synonym of, VIII. 208.
- Osca (Pangonia) barbata*, L., in S. Africa, VIII. 208.
- Osca (Pangonia) fulvifascia*, Wlk., in S. Africa, VIII. 208.
- Osca (Erephopsis) lata*, Guér., the type of the genus, VIII. 208.
- Osca limbithorax*, Macq., described as *Erephopsis niveovittatus*, sp. n., from New South Wales, VIII. 173.
- Osca maculiventris*, Westw. (*Erephopsis jacksoni*, Macq.), in New South Wales, IV. 182.
- Oscinis theae*, Big., a leaf-miner of tea in India, VI. 22.
- oswaldi*, *Aedes* (*Finlaya*).
- otiosa*, *Sarcophaga*.

Otodectes cynotis, Hering (*Chorioptes ecaudatus*, Megn.), on foxes in Canada, X. **139**; on cats and dogs, I. **101**.
Otodectes (*Chorioptes*) *cynotis canis*, Bendz, on dogs, III. **5**.
Otodectes (*Chorioptes*) *cynotis felis*, Huber, on cats, III. **5**.
Otodectes (*Chorioptes*) *cynotis furonis*, Megn., causing otitis in ferrets, III. **6**.
otomydis, *Polyplax*.
otophila, *Haemaphysalis*.
oudemansi, *Haemogamasus*.
ousqua, *Culex*.
ovatus, *Ixodes*.
ovillus, *Linognathus* (*Haematopinus*).
ovinus, *Melophagus*.
ovipara, *Musca* (see *M. autumnalis*).
ovis, *Oestrus* (*Cephalomyia*); *Psoroptes communis* (see *P. ovis*); *Sarcoptes scabiei*; *Trichodectes*.
ovivorus, *Phanurus*.
Oxybelus, predacious on *Stomoxys*, I. **147**, VIII. **103**.
Oxycarenus lavaterae, F., new flagellate in, X. **112**.
oxystoma, *Culicoides*.
Oxytelus tetracariniatus, Block, in the human eye, VIII. **122**.

P.

pabulorum, *Muscina*.
pacae, *Amblyomma*.
pachycephalus, *Stibasoma*.
pachyceras, *Symphoromyia*.
Pachycerina flavida, Wied., sucking blood of larvae of *Erinnyis ello*, II. **132**.
Pachycrepoides dubius, Ashm., parasitising Muscids in Australia, VIII. **174**, IX. **156**, X. **1, 2, 134**; parasitising house-flies in U.S.A., X. **1**.
Pachylis, confused with *Triatoma* in Brazil, VI. **92**.
pachymerus, *Culicoides*.
pachypus, *Laelaps*.
pacificus, *Culex*.
padi, *Priophorus*.
Paederus, causing dermatitis in man in Brazil, VI. **92**.
Paederus columbinus, Lap., causing dermatitis in Brazil, IV. **15, 51**.
Paederus crebripunctatus, Epp., causing dermatitis in E. Africa, IV. **167**.
Paederus fuscipes, Curt., in Russia, III. **68**, IV. **51**; causing dermatitis in man, III. **68**, VIII. **122**.
Paederus gemellus, Kraatz, causing dermatitis in man, VIII. **122**.
Paederus limnophilus, Er., causing dermatitis in man, VIII. **122**.
Paederus litoralis, Grav., causing dermatitis in man, VIII. **122**.
Paederus riparius, L., causing dermatitis in man, VIII. **122**.
Paederus ruficollis, F., causing dermatitis in man, VIII. **122**.
pagetonotum, *Aedes*.
Palaeopsylla gracilis, Tasch., infected with *Trypanosoma talpae*, I. **134**.
Palaeopsylla iberica, J. & R., described as new from Spain, IX. **61**; hosts of, IX. **61**.
Palaeopsylla minor, Dale, hosts of, in Britain, I. **103**, IX. **47**.
Palaeopsylla sorecis, Dale, on rats in Britain, I. **103**.
palawanensis, *Popea*.
palestinensis, *Anopheles* (see *A. superpictus*).
Palimnecomomyia, gen. n., VII. **12**.
Palimnecomomyia celaenospila, Tayl., described as new from New South Wales, VII. **12**.
pallascens, *Psorophora*.
palliatius, *Taeniorhynchus* (see *Aedes fulvithorax*).
pallicerca, *Glossina*.
pallida, *Glossina morsitans*; *Pheidole*; *Probezzia*; *Trombicula*.
pallidepectoratus, *Tabanus*.
pallidicornis, *Culicoides*; *Haematopota*.
pallidifacies, *Tabanus*.
pallidihalter, *Dasyhelea*.
pallidipennis, *Culicoides*.
pallidipes, *Atrichopogon*; *Glossina*; *Lyperosia*; *Tabanus*.
pallidiventer, *Wyeomyia* (*Phonio-myia*).
pallidocephalus, *Culex*.
pallidothorax, *Culicomyia*.
pallidula, *Chrysops*.
pallidum, *Menopon*.
pallidus, Ludl., *Anopheles* (*Stethomyia*) (see *A. aitkeni*).
pallidus, Theo., *Anopheles*.
pallidus, *Anopheles* (*Myzorhynchus*) *barbirostris*; *Pulex*.
pallinervis, *Sarcophaga*.
pallipennis, *Tabanus*.
pallipes, *Mycetobia*.
pallirostris, *Aedes* (*Finlaya*).
palmeni, *Aedes* (see *A. communis*).
palmensis, *Tabanus*.
palmeri, *Simulium*.
palmerstoni, *Tabanus*.
Palostrus oligocenus (see *Glossina*).

- palpalis*, *Aedes* (*Banksinella*, *Neomelanoconion*); *Culex* (see *C. annulirostris*); *Glossina*; *Trombicula*.
- palpalis*, Brèthes, *Tabanus*.
- palpalis*, Ric., *Tabanus*.
- palpalis*, Tayl., *Tabanus* (see *T. neopalpalis*).
- Palpomyia*, attracted to lights in Brazil, I. 65.
- Palpomyia armipes*, Mg., synonymy of, X. 141.
- Palpomyia bifasciata*, Kieff., described as new from Queensland, VII. 154.
- Palpomyia boliviensis*, Kieff., described as new from Bolivia, VII. 154.
- Palpomyia callangana*, Kieff., described as new from Peru, VII. 154.
- Palpomyia columbiana*, Kieff., described as new from Colombia, VII. 154.
- Palpomyia crassicus*, Kieff., described as new from Paraguay, VII. 154.
- Palpomyia dorsofasciata*, Lutz, described as new from Brazil, III. 82.
- Palpomyia fasciata*, Mg., *P. picta* a variety of, X. 141.
- Palpomyia ferruginea*, Mg., synonymy of, X. 141.
- Palpomyia flavipes*, Mg., synonymy of, X. 141.
- Palpomyia fulva*, Macq. (see *P. ferruginea*).
- Palpomyia fuscivenosa*, Lutz, described as new from Brazil, III. 82.
- Palpomyia hortulana*, Goetgh. (see *P. semifumosa*).
- Palpomyia hortulana*, Mg. (see *P. flavipes*).
- Palpomyia imparunguis*, Kieff., described as new from New Guinea, VII. 154.
- Palpomyia inermicollis*, Kieff., described as new from Paraguay, VII. 154.
- Palpomyia microchela*, Kieff., described as new from Colombia, VII. 154.
- Palpomyia multilineata*, Lutz, described as new from Brazil, III. 82.
- Palpomyia nigripes*, Mg., in Britain, IX. 195.
- Palpomyia picta*, Mg., a variety of *P. fasciata*, X. 141.
- Palpomyia pistiae*, I. & M., described as new from Gold Coast, X. 233; breeding in *Pistia stratiotes*, X. 233.
- Palpomyia polysticta*, Kieff., species allied to, in India, IV. 118.
- Palpomyia rufipectus*, Winn. (see *P. armipes*).
- Palpomyia semifumosa*, Goetgh., n.n. for *P. hortulana*, Goetgh., X. 141.
- Palpomyia spinosa*, Lutz, described as new from Brazil, III. 82.
- Palpomyia tenuicrus*, Kieff., described as new from Paraguay, VII. 154.
- paludis*, *Culex* (*Culicelsa*, *Ochlerotatus*) (see *C. sitiens*); *Anopheles* (*Myzorhynchus*) (see *A. mauritianus*).
- palus*, *Culex*.
- palustris*, *Aedes*; *Olfersia*.
- pampangensis*, *Reedomyia* (see *Aedes alboscuteclatus*).
- panarchys*, *Haemagogus* (*Stegocnops*).
- Pangonia*, possibly transmitting trypanosomiasis in Africa, I. 181, VI. 119, VII. 126; in British Guiana, VII. 129; not found in Palestine, VIII. 111; in Russia, III. 195; in Tasmania, V. 66.
- Pangonia australis*, Phil., harbouring flagellates in Chile, V. 11.
- Pangonia barbata* (see *Osca*).
- Pangonia beckeri*, Bezzi, probably transmitting trypanosomiasis in Eritrea and Somaliland, V. 176, VI. 99.
- Pangonia bukamensis*, Beq., described as new from Belgian Congo, I. 100.
- Pangonia carpenteri*, Aust., described as new from Tanganyika, VIII. 208.
- Pangonia clavata*, Macq., in New South Wales, IV. 182.
- Pangonia delta*, Hine, described as new from Arizona, IX. 158.
- Pangonia* (*Pangonius*) *dichroa*, Brèthes, described as new from Argentina, X. 171.
- Pangonia directa*, Wlk. (see *Metoponaplos parva*).
- Pangonia discors*, Aust., described as new from Angola, VIII. 208.
- Pangonia fera*, Will., in British Columbia, V. 170.
- Pangonia fulvifascia* (see *Osca*).
- Pangonia infusca*, Aust., harbouring flagellates in Belgian Congo, V. 11.

- Pangonia inornata* (see *Diatomi-neura*).
- Pangonia lautissima*, Aust., described as new from Tanganyika, VIII. 208.
- Pangonia longirostris* (see *Corizoneura*).
- Pangonia magretti*, Bezzi, probably transmitting trypanosomiasis in Eritrea and Somaliland, III. 136, V. 176, VI. 99.
- Pangonia melanopus*, Hine, described as new from Mexico, IX. 158.
- Pangonia neavei*, Aust., harbouring flagellates in Belgian Congo, V. 11.
- Pangonia oldi*, Aust., bionomics of, in Belgian Congo, VIII. 24.
- Pangonia parishi*, Hine, described as new from Ecuador, IX. 158.
- Pangonia parva* (see *Metoponaplos*).
- Pangonia tranquilla*, O.S., in Quebec, III. 155.
- Pangonia zonata*, Wlk., bionomics of, in Belgian Congo, VII. 80, VIII. 24.
- Pangonius* (see *Pangonia*).
- panicea*, *Sitodrepa*.
- Pantala flavescens*, F., predacious on larvae of *Aedes argenteus* in Brazil, IX. 202.
- pantherina*, *Monedula*.
- papatasii*, *Phlebotomus*.
- papuæ*, *Anopheles* (*Stethomyia*) *aikeni*.
- papuana*, *Haemaphysalis*.
- papuensis*, *Aedes* (*Finlaya*, *Leucomyia*) *australiensis*; *Culex* (*Lophoceratomyia*, *Melanoconion*); *Taeniorhynchus*.
- par*, *Ankistrodactylus* (*Schizodactylus*); *Tabanus*.
- Parabazzia poikiloptera*, I. & M., described as new from Gold Coast, X. 233; breeding in *Pistia stratiotes*, X. 233.
- Paracalliphora*, new generic name proposed for *Calliphora oceaniae*, IV. 122.
- Paracalliphora augur* (see *Anastellorhina*).
- Paracalliphora oceaniae*, R.-D. (see *Anastellorhina augur*).
- paradisea*, *Phalacropsylla*.
- paradoxa*, *Gedoelestia* (see *G. hässleri*); *Glossina morsitans*; *Lepidoselaga*.
- paradoxus*, *Echestypus*.
- paraensis*, *Culicoides*; *Dendromyia*.
- paraguayense*, *Simulium*.
- paraguensis*, *Chrysops*.
- paralleliceps*, *Pedicinus*.
- parallelus*, *Tabanus*.
- paraluridus*, *Silvius*.
- paranense*, *Simulium*.
- paranensis*, *Goeldia*.
- parangensis*, *Anopheles* (*Myzomyia*).
- Parasarcophaga*, subgen. n. of *Sarcophaga*, IX. 216.
- Parasarcophaga omega* (see *Sarcophaga*).
- Parasilvius*, gen. n., IX. 169.
- Parasilvius fulvus*, Ferg., described as new from Australia, IX. 169.
- Parasimulium furcatum*, Malloch, described as new, II. 168; referred to *Simulium*, q.v.
- parasiticus*, *Rhizoglyphus*.
- parasitovorax*, *Cheiletiella*.
- Paraspilomicrus*, gen. n., X. 2.
- Paraspilomicrus froggatti*, Johnst. & Tiegs, described as new from Australia, X. 2; of little value against blow-flies, X. 2, 134.
- Paratricyclea coerulea*, Villen., described as new from Ruwenzori, IV. 126.
- Paratricyclea consors*, Villen., described as new from Nyasaland, IV. 126.
- Paratricyclea dubiosa*, Villen., described as new from Nyasaland, IV. 126.
- Paratricyclea gambiensis*, Villen., described as new from Gambia, IV. 126.
- Paratricyclea imitans*, Villen., described as new, IV. 126; distribution of, in Tropical Africa, IV. 126.
- Paratricyclea lutescens*, Villen., described as new from Belgian Congo, IV. 126.
- Paratricyclea nigroviolacea*, Villen., described as new from Cape Town, IV. 126.
- Paratricyclea pseudolucilia*, Villen., described as new from Belgian Congo, IV. 126.
- Pardomyia*, notice of key to, X. 229.
- parishi*, *Pangonia*.
- parnassum*, *Simulium*.
- Parnopes*, parasite of *Bembex rostrata*, III. 195.
- parumapertus*, *Dermacentor variabilis*.
- parumpilosus*, *Trichodectes*.
- parumspinosa*, *Cobboldia*.
- parva*, *Metoponaplos* (*Pangonia*).
- parvicallus*, *Tabanus*.
- parvifascia*, *Chrysops*.
- parvulus*, *Aedes* (*Ochlerotatus*).
- parvum*, *Amblyomma*; *Simulium*.

- parvus*, *Anopheles* (*Myzorrhynchella*); *Tabanus*.
- parvus*, Macq., *Culex* (see *Aedes vexans*).
- parvus*, Tayl., *Culex* (see *C. crini-cauda*).
- pasadaemon*, *Culex* (*Choeroporpa*).
- Passeromyia*, gen. n., IV. 16; parasitic on birds, X. 139-140.
- Passeromyia heterochaeta*, Villen., in Africa, IV. 16, 138, V. 35, VI. 155, VII. 121; in India, IX. 103; bionomics of, VII. 121; infesting birds' nests, IV. 16, 138, V. 35, VI. 155, VII. 121, IX. 103, X. 140; distribution of, X. 140.
- Passeromyia longicornis*, Macq., parasitic on birds in Australia, X. 140.
- Patagiamyia* (see *Anopheles*).
- patagona*, *Cuterebra*.
- patagonicus*, *Silvestriellus*.
- pattoni*, *Musca*.
- patulus*, *Tabanus*.
- paulistanensis*, *Sarcophaga*.
- pavesii*, *Gyrostigma* (*Spathicera*).
- pavida*, *Pygiopsylla*.
- pavonis*, *Goniodes*.
- peccator*, *Culex* (*Melanoconion*).
- pecchiolii*, *Engyrops*.
- pecorum*, *Gastrophilus* (*Gasterophilus*).
- pectinatus*, *Armigeres* (*Leicesteria*).
- pectinipes*, *Stephanocircus*.
- pectorale*, *Eurydema ornatum*.
- pectoralis*, *Leucorhinia* (*Libellula*).
- pecuarum*, *Simulium* (*Prosimulium*).
- pecuniosus*, *Aedes* (*Finlaya*).
- pedalis*, *Linognathus* (*Haematopinus*).
- Pedicinus*, confined to the lower monkeys, III. 3.
- Pedicinus eurygaster*, Ger., on monkeys in Australia, I. 165; in Philippines, VII. 193.
- Pedicinus longiceps*, Piaget, *Rickettsia* found in, VII. 147.
- Pedicinus paralleliceps*, Mjöberg, subsp. *colobi*, Fahrenholz, described as new, IX. 19.
- Pediculoides ventricosus*, Newp., possibly transmitting fever resembling typhus in Australia, X. 119; outbreak of, in London docks, II. 163, VII. 161; causing dermatitis in man, I. 15, 197, II. 163, 200, III. 44, 155, V. 36, VIII. 123, IX. 37, X. 46.
- Pediculus*, peculiar to man and the higher apes, III. 3; bibliography of, VI. 18.
- Pediculus capitis*, DeG., absent from E. Africa, IX. 93; in Argentina, VII. 140; in Australia, I. 165, VI. 62; in Ecuador, VI. 192; in British Guiana, V. 5; not transmitting oriental sore in India, IX. 208; in Kamerun, VII. 30; in Mesopotamia, IX. 146, X. 115; in Russia, III. 192, IV. 24; in Samoa, I. 83; in U.S.A., V. 170; experimental transmission of flagellates found in, IV. 103; probably not transmitting leishmaniasis, I. 1, III. 126; experiments with plague and, IV. 130; probably not a carrier of poliomyelitis, I. 18, 217; and recurrent fever, I. 72, VI. 54, 215; not an important carrier of typhus, III. 201, V. 32, 33, 112, 162; infesting Eskimos, VII. 196; experimentally feeding on rodents, VIII. 145; bionomics of, V. 42, 44, 69, VI. 76, VIII. 145; anatomy of, V. 70; compared with *P. humanus*, V. 44, 70, VI. 75, 191, VII. 143, VIII. 21, X. 67; notices of text-books on, VII. 45, X. 67.
- Pediculus cervicalis*, Leach (see *P. capitis*).
- Pediculus corporis*, DeG. (see **P. humanus*).
- Pediculus hominis* (see *P. humanus*).
- Pediculus humanus*, L. (*corporis*, DeG., *hominis*, *vestimenti*, Nitzsch), world-wide distribution of, VI. 227; in S. Africa, V. 180, VII. 133, IX. 39; in Argentina, VII. 140; in Assam, X. 231; in Australia, I. 165, VI. 62; apparently not transmitting disease resembling typhus in Australia, X. 94; in Britain, IV. 178, X. 86; in Ceylon, V. 150; in Ecuador, VI. 192; in British Guiana, V. 5; not transmitting oriental sore in India, IX. 208; forms of recurrent and typhus-like fevers probably not transmitted by, in India, IX. 125, 214; in Dutch E. Indies, I. 88, 90, III. 34; and relapsing fever in Manchuria and Persia, VI. 50, VIII. 72, 197, IX. 163; in Mesopotamia, IX. 146, X. 115; climate of Mesopotamia unsuitable to, VIII. 134; in Philippines, VII. 193; in Russia, IV. 24; possibly transmitting epidemic jaundice in Senegal, X. 12; in Serbia, IV. 7, V. 31; in French Sudan, X. 172; in Tunis, V. 7; in U.S.A., V. 170; probably not

transmitting *Leishmania*, I. 1, III. 23, 126; probably not transmitting leprosy, I. 54, II. 40, 79; possible relation of, to cerebrospinal meningitis, V. 152; not a carrier of pellagra, III. 102; experiments with plague and, I. 88, 90, III. 34, IV. 130, V. 150; probably not a carrier of poliomyelitis, I. 18, 217; and recurrent fever, I. 70-72, 198, II. 91, 132, 150, 165, 170, 194, 200, III. 43, 59, 101, IV. 134, V. 111, 171, VI. 59, 136, 215, VIII. 20, 78, 81, 91, 97, 117, 155, 196, IX. 204, X. 45, 67, 92, 142, 172, 196, 200; development of *Rickettsia* in, VI. 58, 113, 237, VIII. 61, IX. 115, 148, X. 47, 134, 189, 229; not found to carry *Spirochaeta icterohaemorrhagiae*, VII. 72; not transmitting tick fever, I. 74, II. 79; and trench fever, VI. 85, 127, 225-227, 236, VII. 94, VIII. 10, 70, 102, IX. 64, 148, X. 67, 120, 189; and typhus, II. 90, 137, III. 26, 33, 43, 59, 201, IV. 17, 135, 153, V. 2, 7, 22, 81, 91, 100, 109, 110, 112, 144, 162, 170, 171, 188, VI. 80, 213, VII. 45, 68, 133, 139, 157, 158, VIII. 2, 44, 60, 103, 145, 146, 202, 224, IX. 33, 112, 115, 137, 148, 197, X. 45, 47, 48, 67, 69, 72, 143, 189, 205; not transmitting verruga, I. 221; and Volhynian or five-day fever, I. 111, 131, VI. 56, 58, VII. 77, IX. 18; miscellaneous organisms found in, V. 111, VIII. 114, IX. 96; apparently not infesting horses, VI. 45; able to live on pigs, V. 36, VIII. 44; effect of bites of, VII. 155; reaction of, to drugs in blood of host, IX. 65; bionomics of, IV. 57, 87, V. 22, 33, 44, 69, 70, 112, VI. 19, 33, VII. 25, 70, 72, VIII. 21, 73, 145; probably not viviparous, X. 7; effect of starvation on, IX. 17; transportation of, by wind, V. 28; reactions of, to light and colour, VI. 55, VII. 72; anatomy of, IV. 133, 183, V. 70, VII. 72, IX. 149, X. 212; abnormalities in, VIII. 21; measures against, III. 43, 80, 105, 113, 114, 118, 122, 123, 124, 145, 146, 151, 156, 183, 189, 201, 203, 204, 225, 226, 232, IV. 7, 13, 17, 25, 35, 50, 51, 53, 83, 104, 133, 135, 153, 158, 178, 193, V. 34, 64, 90, 91, 133, 144, 153, 170,

182, VI. 55, 59, 62, 76, 81, 93, 115, 120, 131, 132, 135, 167, 172, 173, 189, 214, 219, 227, 236, 237, VII. 8, 27, 62, 74, 75, 115, 172, 176, VIII. 4, 33, 44, 72, 77, 103, 145, IX. 16, 18, 30, 33, 93, 166, 191, 197, X. 31, 46, 67, 109, 191; effect of temperature on, III. 156, 201, 203, 225, 226, IV. 57, 87, 178, V. 42, 43, 153, VI. 19, 76, 93, 115, 132, 172, 173, 236, 237, VIII. 21, 22, 44, 73, 103, 104, 120, 146, 158, 197, IX. 17, X. 45, 67, 191, 196; effect of laundry processes on, VII. 66, 164, VIII. 73, 158, IX. 117; apparatus for disinfecting against, V. 29, 43, 177, VIII. 21, 104, 146, 197, IX. 197, 198; use of hydrocyanic acid gas against, IV. 135, 155, 175, V. 130, VI. 57, VIII. 120, IX. 30, 191, X. 45; ants used to destroy, V. 175; synonymy of, IV. 183, VIII. 21, 133, X. 67; *P. capitis* compared with V. 44, 70, VI. 75, 191, VII. 143, VIII. 21; notices of text-books on, VII. 45, X. 67.

Pediculus humanus subsp. *chinensis*, Fahrenholz, described as new, IX. 19.

Pediculus vestimenti, Nitzsch (see *P. humanus*).

peditaenatus, *Anopheles* (*Myzorrhynchus*) *hyrcanus*.

peetsi, *Simulium*.

Pegomyia bicolor, in houses in Britain, IV. 144.

Pegomyia hyoscyami, Panz., introduced into U.S.A., IV. 107.

Pegomyia socia, Fall., breeding in manure in British Isles, VII. 191.

Pelecorhynchus, in Tasmania, V. 66; revision of, X. 31.

Pelecorhynchus albolineatus, Hardy, described as new from Tasmania, VII. 60.

Pelecorhynchus aurantiacus, Ric. (see *P. vulpes*).

Pelecorhynchus claripennis, Ric., in Australia, X. 31.

Pelecorhynchus darwini, Ric., in Chile, X. 31.

Pelecorhynchus distinctus, Tayl., described as new, VI. 238; in Australia, VI. 238, X. 31.

Pelecorhynchus eristoloides, Wlk., in Australia, X. 31; *P. montanus* distinct from, VII. 60.

Pelecorhynchus flavipennis, Ferg., described as new from Australia, IX. 169.

- Pelecorhynchus fulvus*, Ric., in Australia, X. 31.
- Pelecorhynchus fusconiger*, Wlk., in Australia, VII. 12, X. 31.
- Pelecorhynchus igniculus*, Hardy, described as new from Australia, VII. 60.
- Pelecorhynchus maculipennis*, Macq., in Australia, VII. 12, X. 31.
- Pelecorhynchus mirabilis*, Tayl., described as new, VII. 12; in Australia, VI. 227, VII. 12.
- Pelecorhynchus montanus*, Hardy, distinct from *P. eristoloides*, VII. 60.
- Pelecorhynchus nigripennis*, Ric., in Australia, X. 31.
- Pelecorhynchus ornatus*, Schin. (see *P. maculipennis*).
- Pelecorhynchus personatus*, Wlk. (see *P. maculipennis*).
- Pelecorhynchus tillyardi*, Tayl., described as new, VI. 238; in Australia, VI. 238, X. 31.
- Pelecorhynchus vulpes*, Macq., in Chile, X. 31.
- pellionella*, Tinea.
- Pelopia cygnus*, Kieff., described as new from Palestine, III. 51.
- pembaensis*, *Aedes* (Howardina, Ochlerotatus, Skusea).
- pendulus*, *Armigeres* (*Leicesteria*); *Helophilus*.
- penetrabilis*, *Corizoneura* (*Diatomi-neura*).
- penetrans*, *Tunga* (*Dermatophilus*, *Pulex*, *Sarcopsylla*).
- penicillaris*, *Culex* (*Culicada*) (see *Aedes caspius*).
- Penicillidia*, on bats in Assam, X. 232.
- Penicillidia antrozoi*, Towns., on *Antrozous pallidus* in California, V. 29.
- Penicillidia corynorhini*, Ferris, described as new from *Corynorhinus townsendi* in California, V. 29.
- penicilliger*, *Ceratophyllus*.
- peniculata*, *Sarcophaga* (*Ravinia*).
- pennsylvanicus*, *Camponotus*; *Onthophagus*.
- penrosei*, *Cytolichus*.
- pentacantha*, *Rhadinopsylla* (*Ctenophthalmus*).
- Pentatoma* (see *Eurydema*).
- peramydis*, *Cummingsia*.
- percavatus*, *Ixodes*.
- peregrinus*, *Ceratopogon*; *Culicoides*.
- perennis*, *Phora* (*Trupheoneura*).
- perexiguus*, *Culex*.
- perfidiosus*, *Culex*.
- perfuscum*, *Atrichopogon*.
- perfuscus*, *Culex*.
- peribleptus*, *Culex* (*Choeroporpa*, *Mochlostyrax*).
- perichares*, *Aedes* (*Culicelsa*).
- Pericoma townsvillensis*, Tayl., described as new from Queensland, IV. 30; attacking man, IV. 30; probably referable to *Phlebotomus*, VI. 83.
- Perilampus*, parasite of Diptera in Tasmania, IX. 45.
- Periplaneta* (*Blatta*) *americana*, L., bionomics of, in Britain, IX. 99; in Egypt, IX. 164; in Germany, X. 37; new ciliate infesting in India, X. 139; imported into Norway from the Mediterranean, IV. 180; in Philippines, II. 126; in U.S.A., VI. 210, X. 133, 199, 227; intermediate host of a filaria causing tumours in rats, I. 48; on ships, III. 44; measures against, III. 126, IX. 99, 164, X. 37, 227; bait for, VIII. 124; effect of temperature on, III. 9.
- Periplaneta australasiae*, F., bionomics of, in Britain, IX. 99; in U.S.A., X. 199, 227; measures against, III. 126, IX. 99, X. 227.
- Periplaneta orientalis* (see *Blatta*).
- perniciosus*, *Phlebotomus* (*Sergentomyia*).
- perpusilla*, *Psilohlela*.
- persicus*, *Anopheles* (*Myzomyia*) *turkhudi*; *Argas*.
- persis*, *Tabanus*.
- persistans*, *Aedes* (*Stegomyia*) (see *A. argenteus*).
- personata*, *Dendromyia*; *Phaonia*.
- personatus*, *Pelecorhynchus* (see *P. maculipennis*); *Reduvius*.
- perspicillaris*, *Chrysops*.
- pertinans*, *Wyeomyia*.
- pertinax*, *Simulium*.
- pertinens*, *Haematopota*; *Tabanus*.
- perturbans*, *Haematopota*; *Phlebotomus*; *Taeniorhynchus* (*Coquillettida*, *Culex*, *Mansonia*).
- peruvianus*, *Atrichopogon*.
- pervigilans*, *Culex*.
- peryassui*, *Anopheles* (*Manguinhosia*).
- petersi*, *Amblyomma*.
- peterstoni*, *Culex* (*Transculicia*).
- petiolatus*, *Tabanus*.
- phacochaeri*, *Haematopinus*; *Rhinosternus*.
- phaenops*, *Tabanus*.
- phaecorrhoea*, *Nygma*.
- phaeostomum*, *Menopon*.
- Phalacropsylla paradisea*, Roths.,

- described as new from Arizona, IV. 33.
- phalaenoides*, *Psychoda*.
- Phalangomyia debilis*, D. & K., described as new, II. 97; in Peru, II. 97, IV. 65.
- phalerata*, *Mylabris*.
- Phanaeus*, introduced into Hawaii against *Lyperosia irritans*, X. 83.
- Phanaeus sulcatus*, Drury, in Jamaica, V. 131.
- Phanurus*, parasite of *Tabanus albimediis* in India, X. 67.
- Phanurus emersoni*, Gir., described as new from Texas, IV. 122; a parasite of Tabanid eggs, IV. 122.
- Phanurus floridanus*, Ashm., IV. 122.
- Phanurus opacus*, How., IV. 122.
- Phanurus ovivorus*, Ashm., IV. 122.
- Phanurus tabanivorus* (see *Teleonomus*).
- Phaonia cincta*, Zett., *Helicosporidium parasiticum* infecting, IX. 148.
- Phaonia erratica*, Fall., bionomics of, in Britain, IV. 143.
- Phaonia personata*, Wlk., in Queensland, VIII. 189.
- Phaonia signata*, Mg., in houses, III. 89, IV. 121; hibernation of, IV. 121.
- Phaonia variegata*, Mg., in houses in Britain, IV. 144.
- pharaonis*, *Monomorium*.
- pharoensis*, *Anopheles* (*Cellia*).
- phartopus*, *Onitis*.
- Pharyngobolus*, IV. 122; parasite of elephants in Africa, III. 99; possibly identical with *Aulacephala*, IV. 22.
- Pharyngobolus africanus*, Br., parasite of the African elephant, IV. 40, VII. 117.
- Pharyngomyia*, IV. 22, 122; placed in the Calliphorinae, V. 49.
- Pheidole*, attacking *Aedes argenteus* (*Stegomyia fasciata*) in Somaliland, II. 7.
- Pheidole fallax*, For., predacious on other ants in Jamaica, IX. 31.
- Pheidole megacephala*, F., an enemy of house-flies in Hawaii, VI. 164; attacking *Echidnophaga gallinacea* in U.S.A., III. 149.
- Pheidole pallida*, Myl., destroying domestic pests, V. 175.
- Pheidole valisti*, Perg., destroying domestic pests, V. 175.
- phellia*, *Lucilia* (see *L. pulchra*).
- Phibalomyia*, n.n. for *Elaphromyia*, Tayl., nec Big., X. 109.
- Phibalomyia* (*Elaphromyia*) *carteri*, Tayl., described as new from Australia, VI. 118.
- Philaematomyia* (see *Musca*).
- Philandesia townsendi*, Kellogg & Nakayama, described as new from Peru, II. 157.
- philippinensis*, *Anopheles*; *Culicoides*; *Spalangia*.
- Philornis*, parasitic on birds, X. 140; notice of key to, X. 140.
- Philornis anomala*, Jaenn. (see *P. pici*).
- Philornis* (*Mydaea*) *pici*, Macq. (*anomala*, Jaenn.), on birds in Neotropical Region, I. 133, III. 131, VI. 92, IX. 20, X. 140.
- Philornis spermophilae*, Towns., parasitic on birds in Jamaica, X. 140.
- Philornis* (*Mydaea*) *torquans*, Niels., parasitic on birds in Argentina, I. 133, X. 140.
- phlabistus*, *Culex* (*Choeroporpa*).
- Phlebotomus*, IV. 176; at Aden, I. 141, 207; in E. Africa, II. 36; in Algeria, IV. 157, X. 102; in Arabia, IV. 172; not found in Argentina, VII. 181; in Assam, II. 153; not occurring in Australia, IX. 124; in Brazil, II. 53; in Egypt, VII. 34; European species of, II. 10, VIII. 108; in France, I. 33, VII. 53, IX. 37; in Gold Coast, VIII. 12; in India, I. 144, 221, 224, III. 162, 166, 167, X. 74, 126; in Italy, IV. 60; in Macedonia, V. 87, VII. 30, X. 125; in Malta, III. 168; in Mesopotamia, X. 115; in Palestine, II. 100; in Peru, I. 163, 221; in Spain, V. 126; in Sudan, I. 132; in Syria, X. 92; attacking man in Texas, VII. 121; in Turkey, VI. 192; not found in Zanzibar, III. 50; disputed relation of, to cutaneous leishmaniasis, I. 32, II. 53, 99, III. 126, IV. 9, VIII. 21, 40, X. 92, 102; experiments with pellagra and, II. 160; *Rickettsia*-like organisms found in, X. 92; and sandfly fever, I. 32, 207, II. 165, III. 86, 107, 113, 166, 167, 168, IV. 60, V. 126, VI. 49, 79, 83, 114, 180, 192, 215, 239, VII. 30, 34, VIII. 21, 151, IX. 21, 22, 93, 145, X. 74, 92, 125; and verruga, I. 163, 221, II. 29, 144, 176; relation of, to reptiles, II. 42, 43, 58, 184, 186, 199, III. 143, 231, IV. 103, V. 127, VI. 159; on

- ships, III. 107, VI. 180; bionomics of, I. 132, 206, III. 168, X. 125; breeding of, in captivity, II. 7; breeding-places of, I. 221, II. 37, 165; early stages of, IV. 32; measures against, I. 28, II. 176, IX. 146, X. 125; synopsis of genus, I. 131; division of, into subgenera, IX. 21, X. 50.
- Phlebotomus antennatus*, a variety of *P. minutus*, *q.v.*
- Phlebotomus argentipes*, Annan. & Brunetti, in India, I. 79, II. 143, IX. 80; associated with birds, IX. 80; early stages of, IV. 32.
- Phlebotomus ariasi*, Tonnoir, described as new from Spain, IX. 88.
- Phlebotomus atroclavatus*, Knab, described as new, I. 234; in Trinidad, I. 234, X. 200.
- Phlebotomus babu*, Annan. (see *P. minutus*).
- Phlebotomus bedfordi*, a variety of *P. minutus*, *q.v.*
- Phlebotomus brumpti*, Larrousse, described as new from Brazil, IX. 21; attacking man, IX. 21; *P. troglodytes* possibly identical with, X. 200.
- Phlebotomus caucasicus*, Marz., described as new, VI. 79; a synonym of *P. sergenti*, *q.v.*
- Phlebotomus duboscqui*, Nev. Lem., IX. 22; species resembling, in W. Africa, I. 73; in French Sudan, I. 34, 74; in Sierra Leone, IV. 150.
- Phlebotomus fallax*, Par., described as new, IX. 95, 170; in Algeria and Tunisia, IX. 95, X. 68, 69.
- Phlebotomus ingrami*, Newst., described as new from Ashanti, III. 11; in Africa, VIII. 21.
- Phlebotomus intermedius*, Lutz & Neiva, described as new, I. 66; in Brazil, I. 66, IV. 36, IX. 149, X. 159; and leishmaniasis, X. 159.
- Phlebotomus legeri*, Mansion (see *P. perniciosus*).
- Phlebotomus longipalpis*, Lutz & Neiva, described as new, I. 66; in Brazil, I. 66, VIII. 26, IX. 149; in Paraguay, VIII. 26; *P. walkeri* recorded as, IX. 43.
- Phlebotomus lusitanicus*, França, described as new, VII. 30; a synonym of *P. perniciosus*, *q.v.*
- Phlebotomus major*, Annan., in India, IX. 119.
- Phlebotomus major* var. *chinensis*, Newst., described as new from Pekin, V. 5.
- Phlebotomus malabaricus*, Annan., IX. 22.
- Phlebotomus mascittii*, Grassi, VIII. 108; in Italy, VIII. 21.
- Phlebotomus migonei*, França, described as new, IX. 49; in Paraguay, IX. 49, X. 200.
- Phlebotomus minutus* Rond. (*babu*, Annan.), at Aden, II. 12, 158; in Algeria, IV. 103, VIII. 21; in Egypt, II. 100; in France, IX. 58; in India, I. 79, 211, II. 143, 158, 165, III. 167, 168, VII. 185, IX. 119, X. 74; in Malta and Suda Island, I. 27, 34, II. 165; in Macedonia, X. 125; in Mesopotamia, VII. 102, VIII. 15, IX. 145; in Spain, VI. 49, VIII. 21; in Tunisia, X. 68, 69; believed to convey cutaneous leishmaniasis, III. 144, IV. 103, VII. 102, VIII. 15; and sand-fly fever, II. 165; infested with *Herpetomonas*, II. 184; feeding on geckos, I. 211, II. 43, 184, 199, III. 231; bionomics of, I. 27, 211, IX. 145; breeding-places of, VII. 185; early stages of, IV. 32; abnormal individuals of, X. 50; anatomy of, VIII. 20; description of, II. 201, VIII. 108.
- Phlebotomus (Prophlebotomus) minutus* var. *africanus*, Newst., described as new, I. 34; in N. Africa, III. 29, 144, 213, VI. 203, VII. 40, IX. 95, X. 39, 53, 102; distribution of, in Tropical Africa, I. 34, 74, II. 58, V. 47, IX. 25; in Palestine, IX. 194; disputed relation of, to cutaneous leishmaniasis, II. 199, III. 144, 231, VI. 203, X. 102; feeding on reptiles, I. 74, II. 59, VI. 203, IX. 25; bionomics of, VI. 204; abnormal individuals of, X. 50; anatomy of, VIII. 21.
- Phlebotomus minutus* var. *antennatus*, Newst., described as new, I. 34; in Gold Coast, I. 34, IX. 43; in India, IX. 119; in Waziristan, X. 74; male of, IX. 43.
- Phlebotomus minutus* var. *bedfordi*, Newst., X. 50; described as new from Transvaal, III. 11.
- Phlebotomus neglectus*, Tonnoir, described as new from Eastern Adriatic, X. 8; possibly the chief carrier of three-day fever, X. 8.

- Phlebotomus nicnic*, Banks, described as new, VII. 193; in Philippines, VII. 193, 194.
- Phlebotomus nigerrimus*, a variety of *P. perniciosus*, q.v.
- Phlebotomus papatasi*, Scop., in Algeria, II. 199, III. 29, 231, V. 156, VII. 40, X. 39, 102, 187; in fowl houses in Brazil, X. 200; in Egypt, II. 100, VI. 239; in France, IV. 49, V. 13, VII. 99, IX. 37, 58; in Guatemala, IV. 177; in India, II. 143, 158, 165, III. 167, 168, VII. 185, IX. 119; in Italy, VII. 6; in Macedonia and Albania, V. 145, 188, IX. 45, X. 125; in the Mediterranean Region, I. 27, 189, II. 4, 165, III. 168, IV. 57, VI. 114, 215, VIII. 45, IX. 82; in Mesopotamia, VII. 102, VIII. 15, IX. 145, 170, X. 39, 102, 187; in Morocco, V. 35, X. 53; in Palestine, IX. 194; species resembling, in Papua, IX. 216; in Portugal, I. 73, VII. 30; not found on Island of Rouad, VI. 217; in Russia, VI. 79; in Salonika, IV. 179; in Senegal, I. 73; in Spain, VI. 49; in Sudan, I. 34, II. 38; in Tunisia, VI. 204, X. 69; in Turkey, V. 113; in Waziristan, X. 74; *Herpetomonas* found in, VIII. 89; disputed relation of, to oriental sore, VII. 102, VIII. 15, IX. 82, X. 39, 102, 187; and sand-fly fever, II. 4, 43, 59, 165, IV. 57, V. 37, 153, VI. 79, 114, 215, 239, VII. 6, VIII. 45, X. 125; possibly not the chief carrier of three-day fever, X. 8; especially attacking man, III. 231; bionomics of, I. 27, III. 168, VI. 204, IX. 145; breeding-places of, I. 27, II. 38, VII. 185; natural enemies of, II. 165, IX. 45; early stages of, IV. 32; abnormal individuals of, IX. 170, X. 50; anatomy of, VIII. 20; description of, II. 201, VIII. 108; systematic position of, IX. 20.
- Phlebotomus (Sergentiomyia) perniciosus*, Newst. (*legeri*, Mansion, *lusitanicus*, França), in Algeria, III. 29, 231, V. 146, VII. 40, X. 39, 102, 187; in Corsica, II. 4; in France, IX. 58, 70, 79; in Macedonia, X. 125; in Malta, I. 27, II. 165, III. 168; in Morocco, X. 53; in Portugal, VII. 30; in Spain, VI. 49; in Syria, VI. 217; in Tunisia, VI. 204; and mediterranean dengue, VI. 217; associated with oriental sore, X. 187; and sand-fly fever, II. 165; new spirochaete infesting, IX. 70; bionomics of, I. 27, III. 168; breeding-places of, I. 27; description of, II. 201, VIII. 108; anatomy of, VIII. 20; abnormal individuals of, X. 50; *P. neglectus* resembling, X. 8; described as *P. lusitanicus*, sp. n., VII. 30; synonymy of, VIII. 21.
- Phlebotomus perniciosus* var. *nigerrimus*, Newst., in Malta, VIII. 108; description of, II. 201.
- Phlebotomus perturbans*, de Meij., in Assam, X. 232.
- Phlebotomus roubaudi*, Newst., described as new from W. Africa, I. 73; not associated with sand-fly fever, I. 73; anatomy of, VIII. 21; systematic position of, IX. 22.
- Phlebotomus (Sergentiomyia) sergenti*, Parrot (*caucasicus*, Marz.), described as new, V. 156; distribution of, X. 50, 74; in Algeria, V. 156, VII. 40, VIII. 21, X. 102; not transmitting oriental sore in Crete, IX. 82; in France, IX. 58; in India, IX. 119; in Mesopotamia, IX. 43; in Morocco, X. 53; in Persia, IX. 43; in Portugal, VII. 30, VIII. 21; probably a carrier of sand-fly fever in Russia, VI. 79; in Spain, VII. 78, VIII. 21; attacking man in Tunisia, X. 69; and oriental sore, X. 74; description of, VIII. 108; anatomy of, VIII. 20; described as *P. caucasicus*, sp. n., VI. 79; synonymy of, IX. 43.
- Phlebotomus signatipennis*, Newst., described as new from Gold Coast, IX. 43.
- Phlebotomus simillimus*, Newst., described as new, III. 11; in W. Africa, III. 11, VIII. 21.
- Phlebotomus squamipennis*, Lutz & Neiva, in Dutch Guiana, IX. 31.
- Phlebotomus squamipleuris*, Newst., described as new from Anglo-Egyptian Sudan, I. 34; in Gold Coast, V. 47.
- Phlebotomus squamiventris*, Lutz & Neiva, described as new, I. 66; in Brazil, I. 66, IX. 149.
- Phlebotomus stantoni*, Newst., de-

- scribed as new from Malay States, III. 11.
- Phlebotomus sylvestris*, in India, II. 158.
- Phlebotomus tejerae*, Larrousse, in Venezuela, X. 200.
- Phlebotomus trinidadensis*, Newst., described as new from Trinidad, X. 125.
- Phlebotomus troglodytes*, Lutz, in fowl houses in Brazil, X. 200; possibly identical with *P. brumpti*, X. 200.
- Phlebotomus verrucarum*, Towns., described as new, I. 203; transmitting verruga in Peru, I. 203, II. 49, 59, 186, IV. 65, 123, X. 200.
- Phlebotomus vexator*, Coq., feeding on reptiles in U.S.A., II. 42, III. 231, VII. 121.
- Phlebotomus walkeri*, Newst., described as new, IX. 43; in Bolivia and Brazil, IX. 43, X. 200; anatomy of, VIII. 20; *P. longipalpis* recorded as, IX. 43.
- phlebotomus*, *Culicoides*.
- phlogistus*, *Culex* (*Choeroporpa*).
- phobifer*, *Cephenomyia*.
- phocae*, *Echinophthirius*.
- Phoniomyia*, Dyar, *Dyarina* proposed for, IX. 72.
- Phoniomyia*, Theo., notice of key to, VIII. 32; in Fiji, IV. 21.
- Phoniomyia bimaculipes* (see *Rachionotomyia*).
- Phoniomyia fuscipes* (see *Wyeomyia*).
- Phoniomyia longirostris*, Theo., in Brazil, VI. 91; in Trinidad, V. 60.
- Phoniomyia pallidiventer* (see *Wyeomyia*).
- Phoniomyia trinidadensis*, Theo., *Dyarina lassalli* erroneously recorded as, in Trinidad, IX. 72.
- Phora*, on battlefields, IV. 18.
- Phora aterrima*, F., breeding-places of, IV. 51; in dead bodies, IX. 121.
- Phora bergenstammi*, Mik, *P. domestica* recorded as, IX. 149.
- Phora domestica*, Wood, attacking molluscs, IX. 149.
- Phora giraudi*, Egg., developing in snails, VIII. 24, X. 23.
- Phora notata*, Zett., attacking molluscs, IX. 149.
- Phora (Truphoneura) opaca*, Mg., breeding-places of, IV. 51.
- Phora (Truphoneura) perennis*, Mg., breeding-places of, IV. 51.
- Phora (Truphoneura) trinervis*, Beck., breeding-places of, IV. 51.
- Phorbia*, trapped with ammonium carbonate, V. 45.
- Phorbia (Chortophila) cannabina*, Stein, Kramer & Engel, parasitic on birds in Germany, X. 140.
- Phorbia (Chortophila) cilicrura*, Rond., breeding in manure in British Isles, IV. 108.
- Phorbia cinerella*, Rond., breeding in manure in British Isles, VII. 191.
- Phorbia (Chortophila) fugax*, Mg., in houses in Britain, IV. 144.
- Phorbia muscaria*, Mg., in Britain, III. 89.
- Phormia*, VII. 40; *Protocalliphora* regarded as a subgenus of, IX. 20; (*Protocalliphora*) notice of key to, X. 140.
- Phormia (Calliphora, Protocalliphora) azurea*, Fall. (*chrysorrhoea*, Macq.), infesting birds' nests in N. America, VIII. 68, IX. 20, 48, X. 140; causing myiasis, III. 152; distinct from *P. coerulea* (*sordida*), IV. 16, VI. 177; synonymy of, VIII. 52.
- Phormia (Protocalliphora) azurea*, Mg. (see *P. coerulea*, R.-D.).
- Phormia (Protocalliphora) chrysorrhoea*, Macq. (see *P. azurea*, Fall.).
- Phormia coerulea*, Malloch, described as new from N. Canada, VII. 196.
- Phormia (Protocalliphora) coerulea*, R.-D. (*azurea*, Mg., *sordida*, Zett.), distribution of, IV. 78, X. 140; in Europe, VI. 155; in Lapland, VIII. 74; infesting birds' nests, III. 97, IV. 133, VI. 155, IX. 20, X. 140; bionomics of, IV. 78; parasitised by *Nasonia brevicornis*, V. 158; *P. azurea*, Fall., distinct from, IV. 16, VI. 177.
- Phormia (Calliphora, Protocalliphora) groenlandica*, Zett., infesting meat in Austria, VI. 81; in British Isles, IV. 87, 102, 145, 169, VIII. 22, 218; in Lapland, VIII. 74; bionomics of, IV. 145; sense reactions of, VII. 56; natural enemies of, VIII. 22, 218; baits for, IV. 169; key to species allied to, IX. 20.
- Phormia metallica*, Towns., described as new, VIII. 68; infesting birds' nests in N. America, VIII. 68, X. 140.
- Phormia (Euphormia) regina*, Mg., in Canada, III. 155; in Russia, I. 151, III. 29; in U.S.A., II. 16, III. 62, 159, IV. 1, 5,

- V. 92, 125, 128, 145, VI. 116, VII. 10, 121, VIII. 30, IX. 110, 183, 194-195, X. 162, 170, 199; causing myiasis, III. 160; infesting cattle, sheep, etc., IX. 110, 183, X. 162, 170, 199; bionomics of, II. 16, III. 161, IV. 1, V. 92, 128; seasonal prevalence of, V. 125, VII. 10; dispersion of, by flight, VII. 121, IX. 194-195; measures against, IV. 5, V. 92, VI. 116, VIII. 30; key to species allied to, IX. 20; synonymy of, V. 41, VIII. 52.
- Phormia regina*, R.-D. (see *P. azurea*, Fall.).
- Phormia (Protocalliphora) sordida*, Zett. (see *P. coerulea*, R.-D.).
- Phormia terraenovae*, R.-D., in Canada, III. 155, VII. 196; in U.S.A., V. 125, VI. 103, 116; seasonal prevalence of, V. 125; baits for, VI. 116.
- Phryxe vulgaris*, Fall., in houses in Britain, IV. 144.
- Phthirus* (see *Phthirus*).
- Phthirus*, confined to man, III. 3.
- Phthirus (Phthirus) inguinalis*, Leach (see *P. pubis*).
- Phthirus (Phthirus) pubis*, L., X. 142; in E. Africa, IX. 93; in Australia, I. 165, VI. 62; in Ecuador, VI. 192; in Br. Guiana, V. 5, VII. 179; in India, I. 224; in Mesopotamia, X. 115; in Philippines, VII. 193; in Russia, III. 122, IV. 24; possibly transmitting recurrent fever, VI. 215; probably not a carrier of typhus, III. 201, V. 162; *Rickettsia* found in, X. 210; effect of bites of, VII. 70, X. 219; bionomics of, I. 188, VII. 70, VIII. 210; measures against, III. 232, V. 182, VI. 219, VII. 172, IX. 191; systematic position of, VIII. 21; notices of text-books dealing with, VII. 45, VIII. 4, X. 67.
- Phygadeuon speculator*, Thoms., parasite of *Calliphora erythrocephala* in Britain, VIII. 22.
- Phyllodromia germanica* (see *Blattella*).
- phylloides*, *Demodex*.
- Physostomum*, probably feeding on blood, IX. 43.
- picea*, *Erephopsis*.
- piceiventris*, *Atrichopogon*.
- piceus*, *Alphitobius*; *Hydrophilus*.
- pici*, *Philornis* (*Mydaea*).
- picta*, *Bagrada*; *Palpomyia fasciata*.
- picticeps*, *Tabanus* (see *T. taeniola*).
- pictipennis*, *Anopheles* (*Cellia*); *Culicoides*.
- pictipes*, *Rhodnius*; *Simulium*.
- pictum*, *Simulium*.
- pictus*, *Anopheles* (see *A. hyrcanus*); *Cosmolestes*.
- Pieris brassicae*, L., chemotropism of larva of, I. 224.
- Pieris rapae*, L., chemotropism of larva of, I. 224.
- pilati*, *Lucilia*.
- piliferus*, *Haematopinus* (*Linognathus*).
- pilosus*, *Musca* (see *M. bezzii*).
- pilosellus*, *Cimex*.
- pilosipennis*, *Lasiochelea* (see *L. velox*).
- pilosus*, *Culex*; *Ixodes*; *Trichodectes*.
- pinguicornis*, *Haematopota*.
- pinguinalis*, *Aglossa*.
- pinguis*, *Chrysomyia* (see *C. cembra*).
- Pinotus coenosus*, Erich. (*Copris colonicus*, Har.), introduced into Hawaii against *Lyperosia irritans*, X. 83.
- pionips*, *Aedes*.
- Piophila*, N. American species of, V. 192; causing intestinal myiasis, I. 111.
- Piophila affinis*, Mg. (*vulgaris*, Fall.), bionomics of, in Britain, IV. 143.
- Piophila casei*, L., in Britain, II. 19; in France, II. 134; in India, VI. 63; in U.S.A., III. 62, V. 92; causing enteric myiasis, III. 152, V. 192; infesting meat, V. 92, VI. 63; in dead bodies, IX. 121; experiments with baits for, IV. 169.
- Piophila vulgaris*, Fall. (see *P. affinis*).
- pipersalatus*, *Aedes* (*Ecculex*, *Stegomyia*).
- pipiens*, *Culex*; *Syrirta*.
- pipistrelli*, *Cimex*.
- pirangae*, *Ornithomyia*.
- Pirates hybridus*, Scop., in Algeria, IV. 139.
- Pirates strepitans*, Ramb., in Algeria, IV. 139.
- piviformis*, *Ornithodoros*.
- pistiae*, *Palpomyia*; *Probezzia*.
- pisticus*, *Ctenophthalmus*.
- pitchfordi*, *Anopheles*.
- pityocampa*, *Cnethocampa*.
- placidum*, *Simulium*.
- plagiata*, *Dichelacera*.
- plangens*, *Chrysops*.
- planum*, *Hyalomma*.
- platensis*, *Prospalangia*; *Tabanus*.
- Platyedra* (*Gelechia*) *gossypiella*,

- Saund., preyed on by *Pediculoides ventricosus*, II. 163.
- Platyphylus castoris*, Rits., parasitic on beavers, VI. 157.
- Platystoma seminationis*, F., in houses in Britain, IV. 144.
- Plaxemyia vitripennis* (see *Musca*).
- plebeia*, Thereva.
- pleuristriatus*, Culex.
- plinthopyga*, *Sarcophaga*.
- Ploiaria* (*Emesodema*) *domestica*, Scop., predacious on mosquitos in France, X. 147; predacious on *Phlebotomus papatasi* and bed-bugs in Macedonia, IX. 45.
- plumbeus*, Hal., *Anopheles* (*Coelodiaezis*).
- plumbeus*, auct., *Anopheles* (see *A. barianensis*).
- plumiger*, *Glyciphagus*.
- plumosa*, *Mimomyia*.
- plurinotata*, *Stomoxys* (see *S. calcitrans*).
- pluto*, *Tabanus*.
- pluvialis*, *Anthomyia*; *Haematopota*.
- Pneumonyssus foxi*, Weidman, found in the lungs of a monkey, VIII. 198.
- Pneumotuber macaci*, Landois & Hoepke, infesting the lungs of a monkey, IV. 40.
- podagrica*, *Ascia*.
- podagricus*, *Diachlorus*.
- podographicus*, *Aedes* (*Finlaya*).
- podostyla*, *Stilbometopa*.
- Podura aquatica*, L., *Achorutes viaticus* erroneously recorded as, IX. 56.
- Poecilochroa convictrix*, Simon, living in nest of *Coenotele gregalis*, IV. 9.
- Poecilosoma quadripunctatum*, F., bionomics of, in Brazil, VI. 90, 91.
- poicilia*, *Aedes* (*Finlaya*).
- poikiloptera*, *Parabezzia*.
- Polietes albolineata*, Fall., in British Isles, IV. 145, VIII. 22; in Russia, I. 151; bionomics of, IV. 145; larvae of, predacious on other Muscid larvae, I. 109, 150.
- Polietes lardaria*, F., bionomics of, in Britain, IV. 143, 145.
- poliochros*, *Aedes*.
- Polistes hebraeus*, F., predacious on house-flies in Fiji, IV. 41.
- polita*, *Dasyhelea*; *Microchrysa*.
- Pollenia rudis*, F., in Britain, II. 19, III. 89, 175, 184, IV. 46, 87, 102, 121, 145, VII. 71, 191; in Canada, III. 155; in France, II. 134; in U.S.A., IV. 5, V. 128, 145, VI. 103, 158, VII. 10; causing intestinal myiasis in man, III. 152; hibernation of, IV. 87, 102, 121, V. 128, VI. 158, VII. 71, 191, IX. 28; *Empusa muscae* possibly hibernating on, VIII. 123; seasonal prevalence of, VII. 10; natural enemies of, II. 56, VIII. 123; trap for, IV. 5.
- Pollenia* (*Calliphora*, *Neopollenia*) *stygia*, F. (*villosa*, R.-D.), infesting sheep in Australia, I. 225, II. 86, 94, III. 14, 15, 159, 184, IV. 183, V. 6, 165, VII. 100, 124, 187, VIII. 73, IX. 65, 155, 168, X. 1, 56; infesting sheep in New Zealand, VII. 107, IX. 168, X. 165, 183, 204; bionomics of, III. 14, V. 6, 165, IX. 155; parasites of, VII. 100, IX. 65, X. 1, 56; effect of eucalyptus oil on, IV. 71; anatomy of larva of, IX. 64; synonymy of, X. 56.
- Pollenia villosa*, R.-D. (see *P. stygia*).
- pollinosa*, *Musca* (see *M. cingalensis*).
- Polychrosis botrana*, Schiff., carrier of the causal organism of diarrhoea in Hungary, X. 3.
- polygonus*, *Tabanus*.
- polymorphus*, *Archaeopsylla*.
- Polypedilum genesareth*, Kieff., described as new from Palestine, III. 51.
- Polypedilum tiberiadis*, Kieff., described as new from Palestine, III. 51.
- Polyplax aculeatus* (see *Haematopinus*).
- Polyplax arvicanthis*, Bedford, described as new from *Arvicanthus pumilio* in S. Africa, VIII. 9.
- Polyplax bidentatus*, Neum., on rats in Australia, I. 165.
- Polyplax calva*, Wtrst., described as new from *Cricetomys gambianus* in Africa, V. 69.
- Polyplax jonesi*, Kellogg & Ferris, described as new from mouse in Zululand, IV. 120.
- Polyplax otomydis*, Cummings, on *Otomys irroratus* in Zululand, IV. 120.
- Polyplax serratus*, Burm., experimental transmission of tularaemia by, X. 97.
- Polyplax spinulosus*, Burm., in Australia, I. 165; in Sierra Leone, IV. 150; in West Indies, I. 186; on rats, I. 165, 186, IV. 150;

- transmitting *Trypanosoma lewisi* in rats, VI. **86**.
- Polyplax waterstoni*, Bedford, described as new from rats in S. Africa, VIII. **9**.
- polysticta*, *Palpomyia*.
- polytrapezius*, *Lipeurus*.
- Popea palawanensis*, Ludl., described as new from Philippines, II. **70**.
- poriceps*, *Metathrombidium*.
- Porocephalus armillatus* (see *Armiller*).
- porteri*, *Argas persicus*.
- pose*, *Culex* (*Choeroporpa*, *Mochlostyrax*).
- posticata*, *Psorophora* (*Janthinosoma*).
- potamida*, *Stratiomyia*.
- poweri*, *Aedes* (*Stegomyia*).
- praecox*, *Musca* (see *M. humilis*).
- praefectus*, *Ceratophyllus*.
- praegrandis*, *Choeromyia* (*Auchmeromyia*).
- praematurus*, *Tabanus*.
- praetermissus*, *Culicoides*.
- pracustum*, *Neottiophilum*.
- prashadi*, *Musca*.
- prasinopleurus*, *Culex*.
- pratensis*, *Lygaeus*.
- pratorum*, *Simulium ornatum*.
- pratti*, *Cephenomyia*; *Ixodes*.
- prehensilis*, *Macropocopsis*.
- Prenolepis longicornis*, F., in houses in Jamaica, IX. **31**.
- pretans*, *Aedes* (see *A. hirsuteron*).
- pretoriensis*, *Anopheles*; *Hodotermes*.
- priestleyi*, *Calomyia*.
- primaris*, *Amphipsylla*.
- princeps*, *Bogeria*; *Tabanus*.
- Prionognathus*, gen. n., IX. **76**; referred to *Thysanognathus*, q.v.
- Priophorus padi*, L., chemotropism of, I. **224**.
- Pristirhynchomyia lineata* (see *Musca*).
- Probezzia infusca*, Malloch, described as new from Illinois, IV. **55**.
- Probezzia pallida*, Malloch, in Illinois, IV. **55**.
- Probezzia pistiae*, I. & M., described as new from Gold Coast, X. **61**; breeding-places of, X. **61**.
- Probezzia stephensi*, I. & M., described as new from Gold Coast, X. **61**.
- Prochyliza xanthostoma*, Wlk., in houses in N. America, V. **192**.
- proclamator*, *Culex*.
- proclivis*, *Chrysops*.
- Proctophyllodes trisetosus*, Ewing & Stover, described as new from *Sturnella magna* in U.S.A., III. **128**.
- procus*, *Megarhoglossus*.
- prodotes*, Dyar, *Aedes* (see *A. cataphylla*).
- prodotes*, Lund, *Aedes* (see *A. rostockiensis*).
- producticornis*, *Tabanus*.
- Prohelea* (see *Ceratopogon*).
- Prolabia* (*Apterygida*) *arachides*, Yers., on hides from India, III. **143**.
- Prolaelius glossinae*, Turn. & Waterst., described as new from Nyasaland, V. **2**; parasite of *Glossina morsitans*, V. **2**.
- prolepidis*, *Wyeomyia*.
- prolixus*, *Aedes*; *Rhodnius*.
- promisca*, *Musca* (see *M. humilis*).
- promiscua*, *Ornithoica*.
- Promusca domestica* (see *Musca*).
- Prophlebotomus*, new subgenus of *Phlebotomus* (q.v.), X. **50**.
- propria*, *Uranotaenia* (see *U. atra*).
- Prosimulium* (see *Simulium*).
- Prosopolepis flui*, B.-W. & B., described as new from Dutch Guiana, VIII. **60**.
- Prospalangia*, gen. n., VIII. **61**.
- Prospalangia platensis*, Brèthes, described as new from Argentina, VIII. **61**; parasitic on houseflies, VIII. **61**.
- Proterorhynchus argentinus*, Brèthes (see *Anopheles pseudopunctipennis*).
- Proteresthes*, gen. n., erected for *Tersesthes brasiliensis*, Lutz, IX. **171**.
- Protoanopheles* (see *Anopheles*).
- Protocalliphora*, parasitic on birds, X. **140**; notice of key to, X. **140**; regarded as a subgenus of *Phormia* (q.v.), IX. **20**.
- Protoculex serratus* (see *Aedes*).
- Protomacleaya alboventralis* (see *Aedes*).
- Protomelanoconion*, perhaps a distinct subgenus of *Culex*, X. **153**.
- Protomelanoconion fusca*, Theo. (see *Culex horridus*).
- protracta*, *Triatoma*.
- proviolans*, *Dinomyia*.
- proxima*, *Rachionotomyia*.
- pruina*, *Culex*.
- pruinotum*, *Simulium*.
- pruinotus*, *Atrichopogon*.
- psarophanes*, *Silvius*.
- psatharus*, *Culex* (*Choeroporpa*).
- Pseudacanthocera sylverii*, Macq., synonymy of, III. **82**.

- pseudes*, *Deinocerites*.
pseudoakamushi, *Trombidium* (*Trombicula*).
pseudoardens, *Tabanus*.
pseudobarbistrostris, *Anopheles* (see *A. bancrofti*).
pseudobasalis, *Tabanus*.
pseudocallosus, *Tabanus*.
pseudocinereus, *Tabanus*.
Pseudoculicoides, a blood-sucking genus, VI. **83**.
Pseudoculicoides cinctus, Coq., attacking man in Florida, III. **163**.
Pseudoculicoides griseus, Coq., attacking man in Illinois, IV. **55**.
Pseudoculicoides major, Malloch, possibly a synonym of *P. griseus*, IV. **55**.
pseudoequinum, *Simulium*.
Pseudogametes hermanni, Brauer & Bischof, in Brazil, VI. **129**.
Pseudogametes semiatra, Wied., in Brazil, VI. **129**.
Pseudograbhamia maculata, Theo. (see *Aedes pipersalatus*).
Pseudohowardina linealis, Tayl. (see *Aedes lineatopennis*).
Pseudohowardina lineata, Theo. (see *Culex pulchriorax*).
Pseudolfersia, infesting birds in Brazil, VI. **92**.
Pseudolfersia fumipennis, Sahlberg, on birds in U.S.A., X. **148**.
Pseudolfersia maculata, Coq., in Quebec, III. **155**.
Pseudolfersia meleagridis, Lutz, Neiva & Costa Lima, described as new from birds in Brazil, IV. **137**.
Pseudolfersia spinifera, Leach, on sea birds in Bahamas and Brazil, IV. **137**, X. **148**.
Pseudolfersia vulturis, Wulp, on vultures in British Guiana and Mexico, IV. **138**, VII. **129**.
pseudolucilia, *Paratricylea*.
pseudomaculipennis, *Thysanognathus* (*Prionognathus*).
pseudomaculipes, *Anopheles* (*Arribalzaga*, *Cyclopeptheron*).
Pseudomenopon rostratula, Bedford, described as new from *Rostratula capensis* in S. Africa, VIII. **9**.
pseudomethysticus, *Lemmamyia* (*Limatus*).
Pseudomyzomyia (see *Anopheles*).
pseudopallidepectoratus, *Tabanus*.
pseudopalpalis, *Tabanus*.
pseudopecten, *Wyeomyia*.
pseudopictus, *Anopheles* (see *A. hyrcanus*).
pseudopunctipennis, *Anopheles*.
Pseudopyrellia (see *Cryptolucilia*).
pseudoricardoae, *Chrysops*.
Pseudornithomyia, gen. n., IV. **137**.
Pseudornithomyia ambigua, Lutz, Neiva & Costa Lima, described as new from birds in Brazil, IV. **137**, **138**.
Pseudorthellia, gen. n. proposed for *Lucilia viridiceps*, IV. **159**.
pseudoscutellaris, *Aedes* (*Stegomyia*) (see *A. variegatus*).
Pseudoselasoma, gen. n., X. **171**.
Pseudoselasoma nitidum, Brèthes, described as new from Argentina, X. **171**.
Pseudoselasoma opacum, Brèthes, described as new from Argentina, X. **171**.
Pseudoskusea (see *Aedes*).
pseudopretella, *Borkhausenia*.
Pseudostrebla, gen. n., X. **93**.
Pseudostrebla ribeiroi, Costa Lima, described as new from *Tonatia amblyotes* in Brazil, X. **93**.
Pseudotabanus queenslandi, Ric., in Australia, VI. **118**, X. **109**; described as *Corizoneura kurlandae*, sp. n., VI. **118**.
pseudotaeniatatus, *Aedes* (*Hulecoeteomyia*, *Ochlerotatus*).
Pseudotaeniorhynchus, n. n., I. **140**.
Pseudotaeniorhynchus conopas (see *Taeniorhynchus*).
Pseudotaeniorhynchus giblini (see *Taeniorhynchus*).
Pseudotaeniorhynchus samoensis (see *Culex*).
pseudotitillans, *Taeniorhynchus* (*Mansonia*).
Pseudouranotaenia rowlandi (see *Uranotaenia*).
pseudowillmori, *Nyssorhynchus* (see *Anopheles maculatus*).
Psilohelca edentata, Edw., described as new from Britain, IX. **195**.
Psilohelca nitidula, Edw., described as new from Britain, IX. **195**.
Psilohelca perpussilla, Edw., described as new from Britain, IX. **195**.
Psilohelca sociabilis, Goetgh., in Britain, IX. **195**.
Psocus, *Rickettsia* in, IX. **148**.
Psorophora (*Janthinosoma*), in Guatemala, IV. **177**; in Honduras, X. **165**; percentage of, in Panama Canal Zone, VII. **127**; in U.S.A., II. **78**, VIII. **158**; larvae of, predacious on *Anophele* larvae, III. **78**; carrying eggs of *Dermatobia hominis*, III. **194**, **195**, IX. **206**, X. **165**;

- Janthinosoma* a subgenus of, X. **153**.
- Psorophora* (*Janthinosoma*) *albigena*, ?Lutz, in Brazil, VIII. **25**.
- Psorophora* *apicalis*, Theo. (see *P. confinnis*).
- Psorophora* (*Janthinosoma*) *arribalzagae*, Giles (see *P. discruci*ans).
- Psorophora* *centrale*, Brèthes (see *P. posticata*).
- Psorophora* *ciliata*, F., rare in New Jersey, I. **119**; in Paraguay, VIII. **26**; in U.S.A., III. **123**, IV. **170**, VIII. **58**, X. **108**; in Venezuela, X. **183**; larvae of, predacious on other mosquito larvae, IV. **170**, X. **108**.
- Psorophora* (*Culex*) *cingulata*, F., in Brazil, X. **158**.
- Psorophora* *coffini*, D. & K., distribution of, in West Indies, IX. **72**; male of, IX. **72**.
- Psorophora* *columbiae*, D. & K., breeding-places of, in N. Carolina, IV. **61**, **136**.
- Psorophora* (*Culex*, *Janthinosoma*) *confinnis*, Lynch (*neoapicalis*, Theo.), breeding-places of, in Grenada, V. **53**; in Trinidad, V. **60**; synonymy of, IX. **207**.
- Psorophora* *cities*, Dyar, described as new from Texas, VII. **22**.
- Psorophora* *discolor*, Coq., in U.S.A., IV. **136**, VII. **22**; habits of larva of, VII. **22**; breeding-places of, IV. **136**.
- Psorophora* (*Janthinosoma*) *discrucians*, Wlk. (*arribalzagae*, Giles), in Brazil, VI. **90**, VIII. **25**; in Trinidad, V. **60**; habits of, VIII. **25**.
- Psorophora* (*Janthinosoma*) *fiebrigi*, Edw., described as new from Paraguay, X. **153**.
- Psorophora* *floridensis*, D. & K., in U.S.A., VIII. **58**.
- Psorophora* *funiculus*, Dyar, described as new from Colombia, IX. **9**.
- Psorophora* (*Grabhamia*) *jamaicensis*, Theo., in U.S.A., VIII. **187**; species allied to, IX. **9**.
- Psorophora* (*Janthinosoma*) *lutzi*, Theo., in Brazil, VI. **130**; in Trinidad, V. **60**; in Venezuela, X. **183**; carrying eggs of *Dermatobia*, I. **106**, II. **25**, III. **4**, **131**, IV. **157**, V. **18**, VI. **130**, VII. **10**, **66**.
- Psorophora* *lynchi*, Brèthes, described as new from Argentina, IX. **5**.
- Psorophora* (*Janthinosoma*) *musica*, Say (see *P. sayi*).
- Psorophora* (*Janthinosoma*) *musica*, auct. (see *P. posticata*).
- Psorophora* (*Janthinosoma*) *neoapicalis*, Theo. (see *P. confinnis*).
- Psorophora* (*Janthinosoma*) *oblita*, Arrib. (see *P. posticata*).
- Psorophora* (*P.*) *pallescens*, Edw., described as new from Paraguay, X. **153**.
- Psorophora* (*Janthinosoma*) *posticata*, Wied., in Argentina, VII. **107**; carrying eggs of *Dermatobia hominis* in Brazil, VII. **66**, X. **217**; breeding-places of, in Grenada, V. **53**; in Panama Canal Zone, IX. **108**; in Trinidad, V. **60**, X. **106**; in Venezuela, X. **62**; bionomics of, X. **106**.
- Psorophora* (*Janthinosoma*) *purpurascens*, Edw., described as new from Paraguay, X. **153**.
- Psorophora* *saeva*, D. & K., in Trinidad, V. **60**; in Venezuela, X. **183**.
- Psorophora* (*Aedes*, *Janthinosoma*) *sayi*, D. & K., in Canada, VIII. **140**; in Trinidad, V. **60**; in U.S.A., I. **119**, IV. **136**; in Venezuela, X. **183**; experimentally conveying anthrax, VI. **181**; breeding-places of, IV. **136**.
- Psorophora* *scintillans*, Wlk., in Trinidad, V. **60**.
- Psorophora* *signipennis*, Coq., in U.S.A., VI. **8**, VIII. **187**.
- Psorophora* *texana*, D. & K., in U.S.A., VIII. **187**.
- Psorophora* *tibialis*, R.-D., *P. lynchi* possibly a synonym of, IX. **5**.
- Psorophora* (*Janthinosoma*) *tovari*, Evans, described as new from Venezuela, X. **183**.
- Psorophora* (*Grabhamia*) *varinervis*, Edw., described as new from Paraguay, X. **153**.
- Psoroptes*, causing mange in horses, VII. **39**, **183**; hydrocyanic acid against, VIII. **168**; anatomy of, IX. **54**; notices of keys to, VI. **81**, IX. **10**; valid species of, X. **32**.
- Psoroptes* *communis*, Fürstenberg (see *P. equi*).
- Psoroptes* *communis* var. *bovis*, Gerlach, in S. Africa, IV. **187**, IX. **52**; in Canada, VI. **14**; in U.S.A., VII. **104**; bionomics and control of, VI. **14**.

- Psoroptes communis* var. *caprae* (see *P. equi* var. *caprae*).
- Psoroptes communis* var. *cuniculi* (see *P. cuniculi*).
- Psoroptes communis* var. *equi*, Hering (see *P. equi*).
- Psoroptes communis* var. *ovis*, Hering (see *P. ovis*).
- Psoroptes cuniculi*, Megn. (*communis* var. *cuniculi*), on rabbits in S. Africa, IV. 187; in Argentina, VII. 175; in U.S.A., IV. 96.
- Psoroptes* (*Dermatodectes*) *equi*, Hering (*communis*, Fürstenberg, *communis* var. *equi*), X. 32; in S. Africa, III. 133; in Britain, IV. 178, VII. 166, X. 57; in U.S.A., VI. 170; infesting man, III. 226; infesting rabbits, III. 226, X. 59, 60; bionomics of, III. 133; measures against, VII. 39, X. 59, 60; anatomy of, IX. 54; hides damaged by, X. 57.
- Psoroptes equi* (*communis*) var. *caprae*, in S. Africa, IV. 186; in Belgian Congo, I. 93, V. 35.
- Psoroptes natalensis*, Hirst, X. 32; on Asiatic buffalo, IX. 52.
- Psoroptes ovis*, Hering (*communis* var. *ovis*), in S. Africa, I. 81, II. 157, IV. 184-187; in S. America, X. 191; in Britain, X. 12; in Canada, V. 115, 118; in U.S.A., III. 150, IX. 110, X. 170, 199; on goats, I. 86, X. 170; bionomics of, I. 81, II. 157, IV. 184-187; measures against, II. 157, IV. 184-187, X. 12, 170, 191.
- Psychoda*, *Achorutes viaticus* predacious on, IX. 56.
- Psychoda alternata*, Say, in France, II. 134; in U.S.A., VII. 24, 90, IX. 186, 187; bionomics of, VII. 24; measures against, in sewage filters, VII. 24, 90, IX. 186, 187.
- Psychoda cinerea*, Banks, measures against, in sewage filters in U.S.A., VII. 24.
- Psychoda phalaenoides*, L., in France, II. 134.
- Psychoda sexpunctata*, Curt., effect of, on disposal of sewage, VI. 117.
- Pterolichus bicaudatus*, Gerv., on ostriches in S. Africa, VIII. 166.
- Pterolichus sculpturatus*, Hirst, described as new from ostriches in S. Africa, VIII. 166.
- Pteromalus*, parasite of Lepidoptera, IV. 121.
- Pteromalus deplanatus*, Nees, in houses in Britain, VII. 72.
- pteropi*, *Nycteridocoptes*.
- Pterostichus madidus*, Sturn., predacious on flies in Britain, VIII. 22.
- Pterygodes*, subgen. n. for *Rhipicephalus fulvus* (q.v.), I. 146.
- Pterygophorus analis*, Costa, cattle killed by eating larvae of, in Australia, IX. 215.
- Ptilolepis*, gen.n., *Musca inferior* the type of (q.v.), IX. 76.
- Ptilonyssus nudus*, Berl. & Trouess., on sparrows in Britain, IV. 142.
- Ptilopsylla*, gen.n., IX. 61.
- Ptilopsylla leptina*, J. & R., described as new from bats in Paraguay, IX. 61.
- Ptinus brunneus*, Duft., in dead bodies, IX. 121.
- pubescens*, *Erephopsis*; *Trichodectes* (see *T. vestitus*).
- pubis*, *Phthirus* (*Phthirius*).
- pudicus*, *Chrysops*.
- pugiunculus*, *Tabanus*.
- pugnax*, *Onthophagus*; *Tabanus*.
- pulchella*, *Haematopota*.
- pulchellus*, *Rhipicephalus*; *Tabanus*.
- pulcherrima*, *Uranotaenia*.
- pulcherrimus*, *Anopheles* (*Cellia*).
- pulchra*, *Diatomineura*; *Lucilia*.
- pulchripalpis*, Theo., *Culex* (see *Aedes caspius*).
- pulchripalpis*, Rond., *Orthopodomyia* (*Culex*, *Grabhamia*, *Ochlerotatus*).
- pulchritarsis*, *Aedes*.
- pulchrithorax*, *Culex*.
- pulchriventer*, *Aedes* (*Finlaya*).
- Pulex*, rarity of, on rats in India, IX. 211; possibly a carrier of kala-azar, I. 30; excretion of undigested matter by, X. 28; effect of hydrocyanic acid gas on, IX. 191.
- Pulex cheopis* (see *Nenopsylla*).
- Pulex conepti*, Alm. Cunha, described as new, III. 82; on *Coneptus suffocans* in Brazil, III. 82, VI. 92.
- Pulex dugesi*, Baker, in Ecuador, VI. 192.
- Pulex hominis*, DeG. (see *P. irritans*).
- Pulex irritans*, L., VII. 155; world-wide distribution of, VIII. 3, IX. 38; in Annam, V. 51; in Argentina, VII. 181; in Australia, V. 41, VI. 62, VII. 187; in Brazil, VI. 92; in Britain, I. 103, 104, IV. 166, IX. 47; in Ceylon, V. 150; in Ecuador, VI. 192; in Egypt, III. 45;

- in British Guiana, VII. 179; not transmitting oriental sore in India, II. 184, IX. 208; in Dutch E. Indies, I. 90; in Malta, VI. 43; in Mesopotamia, IX. 146; in Messina, I. 130; in Morocco, X. 102; in Philippines, VII. 194; in Salonika, IV. 179; in Senegal, X. 52; in Sweden, VII. 157; in Turkey, IX. 7; in U.S.A., IV. 34, VI. 183, 210; transmitting *Dipylidium caninum*, VIII. 115; Herpetomonad parasites of, III. 144, IX. 162; experiments with leishmaniasis and, I. 4, II. 36, 177, IV. 49, 103, 130, IX. 55; possible relation of, to plague, I. 90, IV. 4, V. 150, VIII. 3, 76, X. 159; possible relation of, to rheumatic fever, VIII. 75, IX. 38, 62; on badger, IX. 47; on dogs, IV. 58, VI. 183, IX. 47; on foxes, IX. 47, 96; on pigs, VII. 181; on rats, I. 103, 104, V. 51, X. 52; larval habits of, II. 131; measures against, II. 62, IV. 34, IX. 146, X. 102; notice of text-book on, II. 17.
- Pulex irritans* var. *bahiensis*, Alm. Cunha, in Brazil, III. 82, VI. 92.
- Pulex pallidus*, Tasch., infesting foxes, IX. 96.
- Pulex penetrans* (see *Tunga*).
- Pulex raptoris*, Weiss, described as new from *Hystrix cristata* in Tunis, V. 87.
- Pulex serraticeps*, Gerv. (see *Ctenocephalus canis*).
- pulicaris*, *Culicoides*; *Nitzschia* (see *Dennyus truncatus*).
- pullatus*, *Aedes* (*Ochlerotatus*).
- pullulus*, *Tabanus*.
- pulverifer*, *Tabanus*.
- pulverulentum*, *Simulium*.
- pulverulentus*, *Aedes*.
- pumila*, *Musca*.
- pumilus*, *Culicoides*; *Tabanus*.
- punctata*, *Haemaphysalis cinnabarina*; *Monedula*.
- punctaticollis*, *Culicoides* (see *C. nubeculosus*).
- punctatipennis*, *Dasyhelea*.
- punctatissimus*, *Rhipicephalus sanguineus*.
- punctatus*, *Aedes* (*Culex*, *Ochlerotatus*) (see *A. caspius*).
- punctibasis*, *Anopheles*.
- puncticollis*, Becker, *Culicoides*.
- puncticollis*, Goetgh., *Culicoides* (see *C. nubeculosus*).
- punctifer*, *Chrysops*; *Tabanus*.
- punctigera*, *Lyperosia*.
- punctimacula*, *Anopheles* (*Arribalzaga*).
- punctipennis*, *Anopheles*.
- punctipes*, *Aedes* (*Skusea*).
- punctiplexura*, *Tabanus*.
- punctithorax*, *Culicoides*.
- punctocostalis*, *Aedes* (*Banksinella*).
- punctodes*, *Aedes*.
- punctolateralis*, *Aedes* (*Stegomyia*) (see *Rachionotomyia atripes*).
- puncator*, *Aedes* (*Ochlerotatus*).
- punctothoracis*, *Aedes* (*Ochlerotatus*).
- punctulatus*, *Anopheles* (*Myzomyia*, *Neomyzomyia*).
- punctum*, *Sepsis*.
- punctum-album*, *Ceratopogon*.
- pungens*, *Ceratophyllus*; *Tabanus*.
- pungens*, *Aegophagomyia*; *Culex* (see *Aedes rusticus*); *Culicoides*.
- puniens*, *Haematopota*.
- punjabensis*, *Ceratophyllus*.
- puripennis*, *Culicoides*.
- purpurascens*, *Psorophora* (*Janthinosa*).
- purpurata*, *Rachionotomyia*.
- purpurea*, *Lucilia* (see *L. caesar*).
- purpureus*, *Rhinoestrus* (*Oestrus*); *Sabethinus* (*Sabethoides*).
- pusilla*, *Kempia*; *Microlynchia*.
- pusillum*, *Hyalomma*; *Microthrombidium*; *Simulium*.
- pusillus*, *Cotocripus*; *Culex*.
- putilla*, *Lagaropsylla*.
- putoria*, *Chrysomyia* (*Musca*, *Pycnosoma*) (see *C. albiceps*).
- putris*, *Themira*.
- putus*, *Ixodes*.
- Pycnosoma* (see *Chrysomyia*).
- Pygiopsylla*, on rats in Java, V. 65.
- Pygiopsylla ahalae*, Roths., in Java, I. 87, 90, II. 115, III. 34, 205, IV. 128, VI. 54; and plague, I. 87, 90, II. 115, III. 34, IV. 4, VIII. 3; on rats, III. 205, IV. 128, VI. 54.
- Pygiopsylla hilli*, Roths., on *Perameles macrura* in Australia, V. 41.
- Pygiopsylla ochi*, Roths., on *Trichosurus* in Australia, V. 41.
- Pygiopsylla pavid*, Roths., described as new from Australia, V. 41; hosts of, V. 41.
- Pygiopsylla robinsoni*, Roths., hosts of, in Sumatra, VII. 164.
- Pygiopsylla solida*, Roths., described as new from *Epimys* in Australia, V. 41.
- pygmaea*, *Erephopsis*.
- pygmaeus*, *Chrysoconops* (see *Taeniorhynchus brevicellulus*); *Tabanus* (see *T. rivularis*).
- pyophila*, *Sarcophaga*.

- Pyrallis*, infested with *Hymenolepis diminuta*, III. 138.
Pyrallis (*Asopia*) *farinalis*, L., intermediate host of *Hymenolepis diminuta*, V. 14, VIII. 85.
Pyrellia anorufa, Villen., described as new from Cape Colony, IV. 125.
Pyrellia antennalis, Hutton, infesting sheep in New Zealand, IX. 168, X. 204.
Pyrellia bequaerti, Villen., described as new from Ruwenzori, IV. 125.
Pyrellia (*Ophyræ*) *cadaverina*, L., in Belgian Congo, IV. 125; in Russia, I. 151; in dead bodies, IX. 121.
Pyrellia distincta, Villen., described as new from Belgian Congo, IV. 125.
Pyrellia ditissima, Villen., described as new from Africa, IV. 125.
Pyrellia eriophthalma, Macq., in Britain, III. 89, IV. 87, 102, 121, 145, VII. 71, VIII. 22; hibernation of, IV. 102, 121, VII. 71.
Pyrellia lasiophthalma, Macq., in houses in Britain, III. 184.
Pyrellia laxifrons, Villen., described as new from Belgian Congo, IV. 125.
Pyrellia maculisquama, Villen., described as new from E. Africa, IV. 125.
Pyrellia serena, Mg., in Quebec, III. 155.
Pyrellia versatilis, Villen., described as new from Ruwenzori, IV. 125.
pyrenaicus, *Culex* (see *C. apicalis*).
Pyretophorus (see *Anopheles*).
Pyrrhocoris apterus, L., *Herpetomonas* (*Leptomonas*) *pyrrhocoris* in, IX. 144, X. 8, 121, 172.

Q.

- quadraticeps*, *Trichodectes*.
quadrinaculata, *Calliphora*; *Libellula*.
quadrinaculatus, *Anopheles*; *Culex* (*Culicada*) (see *Aedes rusticus*).
quadripunctatum, *Poecilosoma*.
quadripustulata, *Winthemia*.
quadrisetosa, *Sarcophaga* (*Helicobia*).
quadrisignatus, *Culicoides*; *Tabanus*.
quadrivittatus, *Aedes*.
quartus, *Aedes* (see *A. annulipes*).
quasigelidus, *Culex*.
quasimodestus, *Culex*.
quasiornata, *Rachionotomyia* (*Aedes*, *Mimeteomyia*, *Stegomyia*).
quasisanguinea, *Hodgesia*.
quasirubrithorax, *Aedes* (*Ochlerotatus*).
quasiunivittatus, *Aedes* (*Ochlerotatus*).
quaylei, *Aedes* (see *A. dorsalis*).
queenslandi, *Pseudotabanus*; *Tabanus*.
queenslandis, *Aedes* (*Finlaya*).
quincuncius, *Tabanus*.
quincufasciatus, *Culex* (see *C. fatigans*).
quinqnelineatus, *Aedes* (*Finlaya*).
quincupunctatus, *Aedes* (*Aëdimorphus*, *Ochlerotatus*).
quincuvittatus, *Eretmopodites*; *Tabanus*.

R.

- rabida*, *Haematopota*.
Rachionotomyia, notice of key to, X. 229.
Rachionotomyia aenea, Edw., described as new from Malay States, IX. 133.
Rachionotomyia aranoides, Theo., in Portuguese India, X. 68.
Rachionotomyia (*Aedes*, *Stegomyia*) *atro*, Tayl., described as new, II. 135; in Papua, II. 135, III. 153.
Rachionotomyia (*Culex*, *Mimeteomyia*, *Scutomyia*, *Stegomyia*) *atripes*, Skuse, II. 149; in Australia, IV. 11, 182.
Rachionotomyia (*Phoniomyia*) *bi-maculipes*, Theo., in Formosa, VI. 51.
Rachionotomyia caledonica, Edw., described as new from New Caledonia, X. 154.
Rachionotomyia coeruleocephala, Leic., in Sumatra, IV. 23.
Rachionotomyia (*Ficalbia*) *dofleini*, Günther, breeding in pitcher plants in Ceylon, II. 43.
Rachionotomyia (*Mimeteomyia*, *Rachisoura*, *Stegomyia*) *filipes*, Wlk. (*hilli*, Tayl., *sylvestris*, Theo.), in Australia, IV. 11, 183, V. 68; described as *Stegomyia hilli*, sp. n., from Melville Island, III. 37; synonymy of, IX. 134.
Rachionotomyia monetifera, Dyar, described as new from Philippines, IX. 51.
Rachionotomyia nepenthis, Edw., described as new from Borneo, III. 115.
Rachionotomyia (*Stegomyia*) *ornata*, Tayl., described as new, II. 135; in Papua, II. 135, III. 153.

- Rachionotomyia proxima*, Edw., described as new from Borneo, II. **115**.
- Rachionotomyia punctolateralis*, Theo. (see *R. atripes*).
- Rachionotomyia purpurata*, Edw., described as new from Fiji, IX. **133**.
- Rachionotomyia* (*Aedes*, *Mimatomyia*, *Siegomyia*) *quasiornata*, Tayl., described as new, IV. **11**; in Australia, IV. **11**, VII. **175**; correct genus for, IX. **134**.
- Rachionotomyia sylvestris*, Theo. (see *R. filipes*).
- Rachionotomyia* (*Aedes*, *Ochlerotatus*, *Siegomyia*) *tasmaniensis*, Strickland, in Queensland, VI. **74**; in Tasmania, III. **37**, IV. **183**; male of, V. **67**.
- Rachionotomyia vicina*, Edw., described as new from Borneo, III. **10**.
- Rachisoura* (see *Rachionotomyia*).
radicum, *Anthomyia*.
- Radioculex clavipalpus*, Theo. (see *Mimomyia chamberlaini*).
- rainbowi*, *Tabanus*.
- Ranatra*, in Russia, I. **195**.
- rapae*, *Pieris*.
- rapax*, *Lesticocampa*.
- raphaelis*, *Ceratopogon*.
- raptatorium*, *Olfersia*.
- raptor*, *Lutzia*; *Muscidifurax*.
- raptoria*, *Lycosa*.
- raptoris*, *Pulex*.
- rasus*, *Ixodes*.
- ratti*, *Demodex*.
- Ravinia* (see *Sarcophaga*).
- Raymondia huberi*, Frauenfeld, in Somaliland, III. **136**.
- recedens*, *Tabanus*.
- recondita*, *Uranotaenia*.
- recula*, *Ceratophyllus ignotus*.
- reducens*, *Tabanus*.
- reductor*, *Culex*.
- Reduvius mayeti*, Put., probably not a carrier of goitre in Algeria, IV. **139**.
- Reduvius personatus*, L., supposed to feed on bed-bugs, I. **208**.
- reduvius*, *Ixodes* (see *I. ricinus*).
- Reedomyia pampangensis*, Ludl. (see *Aedes alboscuteclatus*).
- Reedomyia sudanensis* (see *Aedes*).
reflexus, *Argas* (see *A. columbae*).
- regalis*, *Chrysomyia* (see *C. marginalis*); *Haemagogus*.
- regina*, Mg., *Phormia* (*Euphormia*).
- regina*, R.-D., *Phormia* (see *P. azurea*).
- reginae*, *Aedes* (*Skusea*).
- regisgeorgii*, *Diatomineura*; *Tabanus regius*, *Megarhinus* (*Toxorhynchites*) (see *M. splendens*).
- regularis*, *Tabanus*.
- reinwardti*, *Tabanus*.
- relicta*, *Chrysops*; *Di cladocera*.
- relucens*, *Sericophorus*.
- remipes*, *Sabethes*.
- remotus*, *Copris*; *Culicoides*.
- remuria*, *Chrysomyia* (see *C. megacephala*).
- repecta*, *Aphiochaeta* (see *A. xanthina*).
- repleta*, *Drosophila*.
- reptans*, *Melusina*; *Simulium*.
- restuans*, *Culex* (see *C. territans*).
- reticulatus*, *Culicoides*; *Dermacentor*; *Ornithodoros* (see *O. talaje*).
- retorta*, *Dasyhelea*.
- Rhadinopsylla integella*, J. & R., described as new from *Microtus* in France, IX. **61**.
- Rhadinopsylla* (*Ctenophthalmus*) *pentacantha*, Roths., hosts of, in Britain, I. **103**, IX. **47**.
- rhector*, *Aedes* (*Ecculex*).
- Rhegmoclema atrata*, Say, breeding-places of, in U.S.A., VI. **116**.
- rhinocerotis*, *Dermacentor*.
- Rhinocoris* (see *Harpactor*).
- Rhinoestrus*, infesting horses in Africa, III. **99**, VIII. **7**; possibly causing ocular myiasis in man, VIII. **169**; characters and hosts of, V. **49**, **50**.
- Rhinoestrus hippopotami*, Grünberg, infesting hippopotamus in Africa, III. **217**.
- Rhinoestrus nasalis*, DeG. (see *R. purpureus*).
- Rhinoestrus nivarleti*, Rodh. & Beq., infesting bush pig in Belgian Congo, III. **146**, V. **50**.
- Rhinoestrus phacochaeri*, Rodh. & Beq., described as new from wart hog in Africa, III. **198**.
- Rhinoestrus purpureus*, Br. (*nasalis*, DeG.), infesting equines in N. and E. Africa, VI. **239**, VII. **170**, IX. **44**; attacking cattle in W. Africa, III. **99**; in Palestine, VI. **55**; in Russia, III. **217**; in Spain, VI. **112**; causing ocular myiasis in man, VI. **55**, **112**, VIII. **66**, **151**; bionomics of, III. **217**; incorrectly known as *R. nasalis*, VII. **55**; characters distinguishing larvae of, from *Oestrus ovis*, I. **135**, X. **54**.
- Rhinogastrophilus* (see *Gastrophilus*).
- Rhinolophopsylla capensis*, J. & R.,

- described as new from bats in Zululand, IX. 61.
- Rhinomyza rodhaini*, Beq., described as new from Belgian Congo, I. 100.
- Rhinonyssus*, new species of, infesting birds in Shetlands, IX. 196.
- Rhipicentor bicornis*, Nutt. & Warb., on canines in S. Africa, VII. 19.
- Rhipicephalus*, and diseases of cattle in Africa, VIII. 148, IX. 83, 93; on rodents in Egypt, III. 47; in Trinidad, II. 129; possible effect of wool fat on, X. 187.
- Rhipicephalus appendiculatus*, Neum. (*nitens*, Neum.), in E. Africa, I. 21, II. 140, V. 76; in S. Africa, I. 83, 112, II. 111, 163, III. 20, 21, VI. 167, VIII. 129, IX. 84, X. 64; in Angola, VIII. 167; in Belgian Congo, V. 35, VI. 161; in Nyasaland, I. 60, VIII. 33; in Italian Somaliland, IV. 70; and piroplasmosis of domestic animals, I. 205, II. 140, 163, III. 20, 142, IV. 64, V. 71, VIII. 129, 165, 166, 167, X. 64; carrying gastro-enteritis in sheep and goats, V. 76; conveying horse-sickness, VI. 161; on dogs, III. 4; bionomics of, II. 112, 163, IX. 84; dipping against, I. 83, II. 114, 163, III. 218, IV. 46, VI. 167; abnormalities in, X. 147; variation in, I. 155.
- Rhipicephalus bursa*, C. & F., in Caucasus, X. 102; on cattle in Egypt, III. 77; in Hungary and Rumania, IX. 116; transmitting *Nuttallia equi* in Italy, X. 185; in Macedonia, VIII. 194; hosts of, in Mytilene, VIII. 146; in Venezuela, IX. 13; probably transmitting piroplasmosis of sheep, I. 206, V. 71, VIII. 165, 166, 194, IX. 13, 116, X. 102; on dogs, III. 4; habits of sexes of, VIII. 23; parthenogenesis in, I. 155; development of pads on feet of, VIII. 89.
- Rhipicephalus capensis*, Koch, on cattle and donkeys in E. Africa, II. 124; in S. Africa, II. 112, VIII. 129; in Belgian Congo, IV. 64, V. 35; in Nyasaland, VIII. 33; transmitting piroplasmosis, IV. 64, V. 71, VIII. 129, 165; bionomics of, II. 112; on dogs, III. 4.
- Rhipicephalus ecinctus*, Neum., in Italian Somaliland, IV. 70.
- Rhipicephalus evertsi*, Neum., in E. Africa, I. 21, III. 133, V. 173; in S. Africa, II. 105, 111, 177, III. 20, VIII. 129, IX. 83; in Angola, VIII. 167; in Belgian Congo, IV. 64; in Nyasaland, VIII. 33; on cattle in Egypt, III. 77, IV. 192; in Mauritius, III. 53, 221; and equine piroplasmosis, I. 38, II. 105, III. 20, IV. 64, V. 71, VIII. 194, IX. 83; and African coast fever, VIII. 129, 165, 166; bionomics of, I. 83, II. 112, IX. 84; on dogs, III. 4; dipping against, II. 114, V. 173.
- Rhipicephalus evertsi* var. *albigeniculatus*, conveying horse sickness in Belgian Congo, VI. 161.
- Rhipicephalus evertsi* var. *mimeticus*, Dön., hosts of, in S.W. Africa, VII. 19.
- Rhipicephalus falcatus*, Neum., on pigs in Mozambique, III. 91; in Sierra Leone, IV. 45.
- Rhipicephalus (Pterygodes) fulvus*, Neum., described as new from Tunisia, I. 146.
- Rhipicephalus haemaphysaloides*, Sup., on cattle in Ceylon, X. 67; in India, I. 154, VII. 69; on pigs, VII. 69.
- Rhipicephalus lunulatus*, Neum. (see *R. tricuspis*).
- Rhipicephalus maculatus*, Neum., on pigs in Mozambique, III. 91.
- Rhipicephalus neavei*, Warb., in Mozambique, IX. 91.
- Rhipicephalus nitens*, Neum. (see *R. appendiculatus*).
- Rhipicephalus oculatus*, Neum., hosts of, in S.W. Africa, VII. 19; hosts of, in Egypt, III. 77, IV. 192.
- Rhipicephalus pulchellus*, Gerst., distribution and hosts of, I. 156; in E. Africa, I. 21, III. 91; in Somaliland, II. 9, IV. 70; imported into Zanzibar, VI. 46; on dogs, III. 4.
- Rhipicephalus punctatissimus* (see *R. sanguineus punctatissimus*).
- Rhipicephalus ricinus* (see *Ixodes*).
- Rhipicephalus sanguineus*, Latr., in S. Africa, VII. 19, IX. 83; in W. Africa, IV. 45, 150, V. 48, VI. 225, IX. 101; in Brazil, II. 57, IV. 39, VIII. 85, X. 234; in Ceylon, X. 67; in Costa Rica, X. 31; in Egypt, III. 77, IV. 192; in France, IX. 89, X. 87; in British Guiana, V. 4; in Hungary, IX. 116; in India, III. 5; in Macedonia, VIII. 194; in Mauritius, III. 53, 221; in Mesopotamia,

- IX. 146; in Mytilene, VIII. 146; in Queensland, VIII. 73, 74; in Russia, V. 99; in Somaliland, II. 9; in Tunis, IV. 63, 121, VI. 28, VII. 58, VIII. 67; in U.S.A., VI. 183; in West Indies, II. 129, 175; transmitting canine piroplasmosis, I. 206, II. 83, III. 5, 110, IV. 64, V. 71, VIII. 67, IX. 83, 101, X. 87, 218; probably transmitting piroplasmosis of horses, VIII. 165, 194; intermediate host of *Trypanosoma cruzi*, II. 57; a possible carrier of toxoplasmosis, VI. 183, VII. 58; attacking man, IX. 89; infesting foxes, IX. 96; bionomics of, III. 110; parasite of, IV. 39; repellent for, X. 31; effect of malnutrition on, II. 50; *Cryptoplasma rhipicephali* recorded in error as a parasite of, IV. 63, 121; development of pads on feet of, VIII. 89.
- Rhipicephalus sanguineus* var. *punctatissimus*, Gerst., transmitting *Piroplasma canis* in Venezuela, IX. 13; on dogs, III. 4.
- Rhipicephalus simus*, Koch, in E. Africa, I. 21; in S. Africa, II. 111, III. 20, 222, VIII. 129; in W. Africa, IV. 150, IX. 101; in Angola, VIII. 167; in Belgian Congo, V. 35; in Madagascar, IX. 173; in Mytilene, VIII. 146; in Nyasaland, VIII. 33; in Russia and Turkestan, V. 98, 99; in Somaliland, II. 9, IV. 70; in Turkey, VI. 13; in Venezuela, IX. 13; transmitting anaplasmosis, VI. 10, VIII. 166; and piroplasmosis, III. 20, IV. 64, V. 71, VIII. 129, 165, 166, IX. 13, 83, 101, 173; tick allied to, carrying *Piroplasma gibsoni*, III. 5; on dogs, III. 4; on rhinoceros, III. 222.
- Rhipicephalus texanus*, Banks, on dogs, III. 4.
- Rhipicephalus tricuspis*, Dön. (*lunulatus*, Neum.), in Sierra Leone, IV. 45; on dogs, III. 4.
- Rhizoglyphus parasiticus*, Dalgetty, causing water-itch in India, I. 16.
- rhizophorae*, *Haematopota*.
- Rhizotrogus*, destroyed by Tabanid larvae, III. 195.
- rhodesiensis*, *Anopheles*; *Leptocnops*.
- Rhodnius brèthesi*, da Matta, described as new, VIII. 41; in Brazil, VIII. 41, IX. 7.
- Rhodnius limosus*, Wlk., in Brazil, VIII. 41.
- Rhodnius nasutus*, Stål, in Brazil, VIII. 41.
- Rhodnius pictipes*, Stål, in Brazil, VIII. 41.
- Rhodnius prolixus*, Stål, in Brazil, I. 188, VIII. 41; in San Salvador, III. 224; in Venezuela, VIII. 16. 183; conveying *Trypanosoma cruzi*, I. 188, II. 87, VIII. 41; flagellates found in, II. 108, VIII. 16, 183; feeding habits of, III. 56, IV. 38.
- rhombicus*, *Tabanus*.
- Rhopalopsyllus australis*, Roths., on *Myoprocta acouchi* in British Guiana, VII. 129.
- Rhopalopsyllus lugubris*, J. & R., on *Myoprocta acouchi* in British Guiana, VII. 129.
- Rhyparobia maderae*, F., not susceptible to plague bacilli, I. 113.
- Rhyphus fenestralis*, Scop., breeding in manure in British Isles, VII. 191; infected with *Helicospiridium parasiticum*, IX. 148.
- ribeiroi*, *Pseudostrebila*.
- richiardi*, *Taeniorhynchus* (*Culex*, *Manson*).
- ricinoides*, *Ixodes*.
- ricinus*, *Ixodes* (*Rhipicephalus*).
- rima*, *Culex*.
- riparius*, *Aedes*; *Paederus*.
- Ritteria nemorum*, Koch, in England, X. 119.
- Rivoltasia* (*Epidermoptes*) *bifurcata*, Riv., in U.S.A., VI. 14; on fowls, II. 30, VI. 14.
- Rivoltasia* (*Epidermoptes*) *bilobata*, Riv., on fowls, II. 30.
- rivularis*, *Tabanus*.
- robinsoni*, *Pygiopsylla*.
- robusta*, *Sarcophaga*.
- rodhaini*, *Conostigmus*; *Cordylobia* (*Stasisia*); *Rhinomyza*.
- Rodhainomyia*, Beq., gen. n. for *Cobboldia chrysidiformis*, VIII. 108.
- Rodhainomyia* (*Cobboldia*) *chrysidiformis*, Ged., infesting African elephant, IV. 40, V. 35, VI. 107, VII. 116, 117, VIII. 108.
- Rodhainomyia* (*Cobboldia*) *roverei*, Ged. (see *R. chrysidiformis*).
- Rogenhofer*, IX. 157.
- Rogenhofer* *dasyopoda*, Br., in Brazil, VI. 129.
- Rogenhofer* *grandis*, Guer., in S. America, VI. 129.
- Rogenhofer* *trigonocephala*, Br., in Brazil, VI. 129.

roloncetta, *Wyeomyia*.
roperi, *Uranotaenia*.
rossi, *Anopheles* (*Myzomyia*, *Nysso-*
myzomyia, *Pseudomyzomyia*) (see
A. subpictus); *Chiasmopsylla*; *Culex*
 (see *Aedes argenteus*).
rostochiensis, *Aedes*.
rostrata, *Bembex*.
rostratula, *Pseudomenopon*.
rostratus, *Ornithodoros*.
Rothschildella occidentalis, Alm.
 Cunha, described as new from
Dasyphus novemcinctus in Brazil,
 III. 82.
rothschildi, *Ixodes percavatus*.
rotundata, *Degeeriella*.
rotundatus, *Cimex* (*Clinocoris*) (see
C. hemiptera); *Saprinus*.
roubaudi, *Phlebotomus*.
roucouyana, *Dendromyia*.
roveri, *Cobboldia* (see *Rodhainomyia*
chrysidiformis).
rowlandi, *Uranotaenia* (*Pseudourano-*
taenia).
rubens, *Haematopota*.
rubicundulum, *Simulium*.
rubicundulus, *Tabanus*.
rubidus, *Tabanus*.
rubiginosus, *Alcimus*.
rubithoracis, *Culex* (*Lophocerato-*
myia); *Topomyia*.
rubricallosus, *Tabanus*.
rubrithorax, *Aedes* (*Culex*, *Ochlero-*
tatus); *Simulium*; *Tabanus*.
rubrofasciata, *Triatoma* (*Conorhi-*
nus).
rubrovaria, *Triatoma*.
rudis, *Pollenia*.
rufa, *Solenopsis geminata*; *Stilo-*
bezzia.
rufescens, *Atrichopogon*.
rufibarbis, *Cephenomyia* (see *C.*
auribarbis).
ruficeps, *Odontomachus*.
ruficollis, *Corynetes*; *Necrobia*;
Paederus.
ruficornis, *Lucilia* (see *L. pulchra*);
Megaloceraea; *Sarcophaga*; *Tab-*
anus nemoralis.
ruficrus, *Tabanus*.
rufifacies, *Chrysomyia* (*Calliphora*,
Pycnosoma) (see *C. albiceps*).
rufinotatus, *Tabanus*.
rufipectus, *Palpomyia* (see *P. ar-*
mipes).
rufipes, *Anopheles*; *Aphiochaeta*;
Hippobosca; *Necrobia*.
rufitarsis, *Aulacogaster*.
rufiventris, *Atrichopogon atratus*;
Cuterebra; *Hyalomyia* (*Austro-*
phasia); *Tabanus*; *Tephrochla-*
mys.

rufoabdominalis, *Tabanus*.
rufoniger, *Erephopsis*.
rufotuberculata, *Triatoma*.
rufus, *Tabanus*.
rugosicollis, *Spalangia*.
rugulosa, *Triatoma* (*Belminus*).
rupestris, *Tabanus*.
rupinae, *Tabanus*.
ruralis, *Sarcophaga*; *Voria*.
rusticus, *Aedes* (*Culex*, *Ochlerotatus*).
rutherfordi, *Uranotaenia*.
rutilis, *Culicoides inornatipennis*.

S.

Sabethes, in Guatemala, IV. 177;
 percentage of, in Panama Canal
 Zone, VII. 127; notice of key
 to, VIII. 32.
Sabethes albiprivatus, Lutz, in Bra-
 zil, VI. 91.
Sabethes amazonicus, Gordon &
 Evans, described as new from
 Brazil, X. 234.
Sabethes bipartipes, D. & K., pre-
 dacious larva of, in Surinam,
 IX. 88; in U.S.A., X. 130;
 probably identical with *S. chroio-*
pus, VIII. 60; anatomy of,
 X. 130.
Sabethes chroiopus, D. & K., VIII.
 60; described as new from
 British Guiana, I. 164.
Sabethes cyaneus, F., in Argentina,
 IX. 207; in U.S.A., X. 130;
 anatomy of, X. 130.
Sabethes loculipes, R.-D., in Trini-
 dad, V. 60.
Sabethes longipes, Macq., in Brazil,
 VI. 91.
Sabethes remipes, Wied., in Trinidad,
 V. 60.
Sabethinus, notices of keys to,
 VIII. 32, IX. 72; larvae of, in
 Brazil, VIII. 26.
Sabethinus aurescens, Theo., ana-
 tomy of, in U.S.A., X. 130.
Sabethinus identicus, D. & K.
 (see *S. aurescens*).
Sabethinus moerbista, D. & K.,
 described as new from British
 Guiana, VII. 105.
Sabethinus (Sabethoides) purpureus,
 Theo., in Trinidad, V. 60; in
 Brazil, VI. 91.
Sabethinus (Sabethoides) undosus,
 Coq., in Trinidad, V. 60; in
 U.S.A., X. 130; anatomy of,
 X. 130.
Sabethoides, notice of key to, VIII.
 32.

- Sabethoides confusus*, Theo., in Brazil, VI. 91; in Trinidad, V. 60.
- Sabethoides imperfectus*, B.-W. & B., described as new from Dutch Guiana, VIII. 59; attacking man, VIII. 59.
- Sabethoides nitidus*, Theo., in British Guiana, X. 33; breeding-places of, in Trinidad, IV. 69.
- Sabethoides purpureus* (see *Sabethinus*).
- Sabethoides undosus* (see *Sabethinus*).
- saccharina*, *Lepisma*.
- sacharovi*, *Anopheles*.
- sackeni*, *Chrysops*.
- saeva*, *Psorophora*.
- sagax*, *Aedes* (*Culex*, *Ochlerotatus*).
- sagittarius*, *Tabanus* (see *T. taeniola* var. *variatus*).
- sakhalinensis*, *Haematopota*.
- salinarius*, *Culex*.
- salinellus*, *Aedes* (*Ochlerotatus*).
- salinus*, *Aedes* (*Ochlerotatus*) (see *A. detritus*).
- salisburyensis*, *Culex*.
- salmi*, *Ceratopogon*.
- salus*, *Culex* (see *C. sitiens*).
- salutiferus*, *Gastrophilus* (see *G. nasalis*).
- salvazai*, *Tabanus*.
- samboni*, *Simulium*.
- Samea multiplicalis*, Gn., destroying *Pistia stratiotes* in Panama Canal Zone, VII. 4.
- samoensis*, *Culex* (*Pseudotaeniorhynchus*).
- sanctaemarthae*, *Culicoides*.
- sanctilaurentii*, *Atrichopogon*.
- sanguinarius*, *Tabanus*.
- sanguineum*, *Simulium*.
- sanguineus*, *Dermanyssus*; *Haemogamasus*; *Rhipicephalus*; *Tabanus*.
- sanguinolentus*, *Bdellolarnyx*.
- sanguisuga*, *Triatoma* (*Conorhinus*).
- sanguisugens*, *Haematobia*.
- sanguisugus*, *Culicoides*.
- sansonii*, *Aedes*.
- sapphirina*, *Epicauta*; *Uranotaenia*.
- sapporoensis*, *Tabanus*.
- sapporoenus*, *Tabanus*.
- Saprinus rotundatus*, Kug., in dead bodies, IX. 121.
- Sapromyza fuscicornis*, Macq., in Queensland, VIII. 189.
- saramaccensis*, *Culex* (*Choeroporpa*).
- Sarcophaga*, VI. 112, VII. 40; in Australia, IX. 118, 155, X. 1; in Belgian Congo, I. 140, VII. 121; in Brazil, V. 28; in British Isles, VII. 191; in Egypt, IV. 142, VI. 100; in Hawaii, VI. 164; in India, IX. 53, 208, X. 17, 74, 195; in Dutch E. Indies, X. 211; in Korea, X. 206; in Salonika, IV. 179; dispersion of, by flight in U.S.A., IX. 194; in Zanzibar, VI. 124; causing myiasis, III. 43, 98, V. 28, IX. 53, X. 17, 195, 211; bacteria transmitted from larva to adult of, II. 62; *Herpetomonas sarcophagae* in, IX. 208; trypanosomes of, unable to live in other flies, VI. 34; readily attacked by parasites of *Glossina*, VI. 99; possible relation of, to protozoa in plants, X. 145; hibernation of, X. 206; stimuli to oviposition of, I. 224, IX. 139; natural enemies of, I. 140, V. 74, 158, IX. 156, X. 1, 74; measures against, VI. 100, IX. 191; trap for, IV. 142.
- Sarcophaga alpha*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga arvensis*, R.-D., in dead bodies, IX. 121.
- Sarcophaga aurifinis*, Wlk., in West Indies, II. 175.
- Sarcophaga aurifrons*, Macq., in Australia, III. 14, 16, IV. 183, VII. 100, VIII. 60, 74, IX. 216, X. 1, 56; natural enemies of, VII. 100, VIII. 60, X. 1, 56.
- Sarcophaga bancrofti*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga beta*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga bullata*, Parker, described as new, V. 34; in U.S.A., IV. 5, V. 34; baits for, IV. 5.
- Sarcophaga carnaria*, L. (*laticrus*, R.-D.), in Austria, VI. 81; in British Isles, II. 19, IV. 143, 169, VIII. 22; in France, II. 134; in Gallipoli, IV. 92, VI. 26; in Italy, III. 152; in Korea, VII. 142, IX. 180, X. 206; in Manchuria, X. 45; in Poland, VIII. 119; in Sweden, VII. 157; in U.S.A., VI. 169; in Venezuela, VI. 51; on battlefields, IV. 18; causing myiasis, I. 175, III. 31, 152, IV. 88, VI. 3, 51, 169; relation of, to dissemination of disease, I. 117; in dead bodies, IX. 121; bionomics of, IV. 143; parasitising *Helix aspersa*, X. 23; hibernation of, IX. 180, X. 206;

- natural enemies of, VIII. 22; baits for, IV. 169.
- Sarcophaga chrysostoma*, Wied., in Brazil, IX. 6.
- Sarcophaga (Ravinia) communis*, Parker, in U.S.A., III. 61, IV. 5, V. 125, 145; breeding-places of, III. 61; seasonal prevalence of, V. 125; baits for, IV. 5, V. 45.
- Sarcophaga comta*, in Brazil, IX. 6.
- Sarcophaga cooleyi*, Parker, described as new, III. 47; in U.S.A., III. 47, V. 125; seasonal prevalence of, V. 125.
- Sarcophaga cruentata*, Mg., in Russia, I. 151.
- Sarcophaga delta*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga eta*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga falculata*, Pand., in Austria, VI. 81; in Egypt, VI. 239.
- Sarcophaga filia*, Pand., larva of, attacking molluscs, IX. 149.
- Sarcophaga frerei*, Mattos, described as new from Brazil, IX. 6.
- Sarcophaga froggatti*, Tayl., described as new, V. 54; infesting sheep in Australia, V. 54, IX. 216, X. 143.
- Sarcophaga frontalis*, Thoms. (see *S. misera*).
- Sarcophaga frontalis*, auct. nec Thoms. (see *S. tryoni*).
- Sarcophaga fuscicauda*, Boettcher, infesting man, VIII. 74.
- Sarcophaga gamma*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga georgina*, Wied., in Brazil, IX. 6.
- Sarcophaga (Ravinia) haematodes*, Mg., developing in dead snails, X. 24.
- Sarcophaga haemorrhoidalis*, F. (*nirus*, Rond.), in Austria, VI. 81; in Belgian Congo, V. 139; in French Guinea, IV. 21; in Mesopotamia, IX. 15; in Natal, VII. 11; in Somaliland, III. 136; in U.S.A., III. 61, IV. 5, V. 125; causing intestinal myiasis in man, VI. 3; flagellates found in, VIII. 88; bionomics of, V. 139; seasonal prevalence of, V. 125; breeding-places of, III. 61; *Bembex* predacious on, VII. 11; baits for, IV. 5.
- Sarcophaga helcis*, Towns., in U.S.A., IV. 5, V. 145; baits for, IV. 5.
- Sarcophaga hirtipes*, Wied., in Somaliland, III. 136.
- Sarcophaga impatiens*, Wlk., in Australia, IX. 215, X. 1; parasite of, X. 1.
- Sarcophaga iota*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga irrequieta*, Wlk., in Queensland, IX. 216.
- Sarcophaga kappa*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga kellyi*, Ald., in U.S.A., IX. 203; destroying grasshoppers, VII. 86, IX. 203.
- Sarcophaga knabi*, Parker (see *S. froggatti*).
- Sarcophaga lambens*, Wied., causing myiasis in Brazil, I. 175, III. 159.
- Sarcophaga laicrus*, R.-D. (see *S. carnaria*).
- Sarcophaga latifrons* (see *Sarcophila*).
- Sarcophaga (Ravinia) latisetosa*, Parker, in U.S.A., IV. 5, V. 145; baits for, IV. 5.
- Sarcophaga magnifica* (see *Wohlfahrtia*).
- Sarcophaga melaneura*, Mg., in Britain, IV. 143; in Russia, I. 151; bionomics of, IV. 143; parasitic on molluscs, IX. 149, X. 23.
- Sarcophaga misera*, Wlk., transmission of *Habronema* by, in Queensland, VIII. 187, IX. 216, X. 15.
- Sarcophaga misera* var. *dux*, Thoms., in Queensland, IX. 216.
- Sarcophaga mortuorum* (see *Cynomyia*).
- Sarcophaga neivai*, Mattos, described as new from Brazil, IX. 6.
- Sarcophaga nirus*, Rond. (see *S. haemorrhoidalis*).
- Sarcophaga ochripalpis*, Thoms. (see *S. irrequieta*).
- Sarcophaga (Parasarcophaga) omega*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga omikron*, Johnst. & Tiegs, described as new from Queensland, IX. 216.
- Sarcophaga otiosa*, Will., in West Indies, II. 175.
- Sarcophaga pallinervis*, Thoms., I. 36.
- Sarcophaga paulistanensis*, Mattos, described as new from Brazil, IX. 6.
- Sarcophaga (Ravinia) peniculata*,

- Parker, in U.S.A., III. **61**, V. **125**; breeding-places of, III. **61**; seasonal prevalence of, V. **125**.
- Sarcophaga plinthopyga*, Wied., in Brazil, IX. **6**; in West Indies, II. **175**.
- Sarcophaga pyophila*, Neiva & De Faria, causing myiasis in S. America, I. **175**, III. **159**.
- Sarcophaga (Helicobia) quadrisetosa*, Coq., parasitised by *Spalangia muscidarum*, II. **22**.
- Sarcophaga robusta*, Aldr., in U.S.A., X. **162**.
- Sarcophaga ruficornis*, Wied., causing myiasis in India, I. **175** (*ruficollis* in error), III. **159**, VI. **63** (*ruficollis* in error), IX. **180**; bionomics of, VI. **63**.
- Sarcophaga ruralis*, Mg. (see *Wohlfahrtia magnifica*).
- Sarcophaga sarraceniae*, Riley, posterior stigmata of larva of, II. **131**.
- Sarcophaga scoparia*, Pand., subsp. *nearctica*, Parker, described as new from U.S.A., V. **34**.
- Sarcophaga sigma*, Johnst. & Tiegs, described as new from Queensland, IX. **216**.
- Sarcophaga soror*, Rond., parasitising *Helix aspersa*, X. **23**.
- Sarcophaga subtuberosa*, Parker (see *S. misera* var. *dux*).
- Sarcophaga tessellata*, Wied., in Brazil, IX. **6**.
- Sarcophaga texana*, Aldr., in U.S.A., X. **162**.
- Sarcophaga theta*, Johnst. & Tiegs, described as new from Queensland, IX. **216**.
- Sarcophaga tryoni*, Johnst. & Tiegs (*frontalis*, auct.), described as new, IX. **216**; in Queensland, VII. **74**, IX. **216**.
- Sarcophaga tuberosa*, Pand., var. *sarracenioides*, Aldr., in U.S.A., X. **162**.
- Sarcophaga wohlfahrtii*, Rond. (see *Wohlfahrtia magnifica*).
- Sarcophaga xanthophora*, Wied., in Brazil, IX. **6**.
- Sarcophaga zeta*, Johnst. & Tiegs, described as new from Queensland, IX. **216**.
- sarcophagae*, *Dirhinus*.
- sarcophagoides*, *Cuterebra*.
- Sarcophila (Sarcophaga) latifrons*, Fall., in Russia, I. **151**; and myiasis, I. **175**, IV. **88**.
- Sarcophila magnifica* (see *Wohlfahrtia*).
- Sarcophila meigeni*, Ports. (see *Wohlfahrtia magnifica*).
- Sarcopsylla gallinacea* (see *Echidnophaga*).
- Sarcopsylla penetrans* (see *Tunga*).
- Sarcopterinus nidulans*, Nitzsch, measures against, on fowls, II. **30**.
- Sarcoptes*, in Britain, VI. **81**; causing mange in rabbits, IX. **155**; on chimpanzees, IX. **186**; on goats, I. **86**; on horses, VII. **183**; key distinguishing, from forage mites, IX. **10**; hydrocyanic acid against, VIII. **168**; effect of heat on, V. **90**; survey of, VIII. **219**.
- Sarcoptes cati* (see *Notoedrus*).
- Sarcoptes cuniculi minor* (see *Notoedrus*).
- Sarcoptes cynotis*, Hering, causing otitis in dogs, I. **101**.
- Sarcoptes laevis* (see *Cnemidocoptes*).
- Sarcoptes mutans* (see *Cnemidocoptes*).
- Sarcoptes notoedres*, Megn. (see *Notoedrus muris*).
- Sarcoptes (Acarus) scabiei*, DeG., III. **44**; in Australia, X. **56**; causing mange in horses in Denmark, VIII. **83**; in Salonika, IV. **179**; infesting man in Serbia, V. **31**; in Sweden, VII. **157**; and leprosy in Zanzibar, I. **54**; man infected with, from horses, X. **141**; forms of, causing mange on man and animals, VIII. **219**; infesting dogs and cats, III. **5**, X. **56**.
- Sarcoptes scabiei bovis*, Robin, in S. Africa, IV. **187**; measures against, on cattle in U.S.A., VII. **92**, **104**; bionomics of, VII. **104**.
- Sarcoptes scabiei cameli*, Megn., causing mange in Algeria, VII. **85**; measures against, in Egypt, IX. **109**; known to attack man, VII. **161**.
- Sarcoptes scabiei canis*, Gerlach, in U.S.A., IV. **58**, VI. **44**, **183**; known to attack man, VII. **161**.
- Sarcoptes scabiei caprae*, Fürst., in Belgian Congo, I. **93**; known to attack man, VII. **161**; measures against, I. **93**.
- Sarcoptes scabiei communis*, Delafond & Bourguignon, infesting man, V. **181**, IX. **3**.

- Sarcoptes scabiei crustosae*, Fürst., IX. 148.
- Sarcoptes scabiei cuniculi*, Gerlach, measures against, VI. 94, X. 60.
- Sarcoptes scabiei equi*, Gerlach, in Brazil, VI. 92; in Russia, X. 180; measures against, IV. 178, VI. 170, VII. 131, 136, 166, VIII. 219; known to attack man, VII. 161; specific identity of, VIII. 219, X. 216; anatomy of, IX. 148.
- Sarcoptes scabiei furonis*, Raill., infesting ferrets, III. 5, 6.
- Sarcoptes scabiei hominis*, Hering, bionomics of, VII. 161; on ships, X. 142; specific identity of, X. 216; varieties allied to, IX. 148.
- Sarcoptes scabiei leonis*, Raill., known to attack man, VII. 161.
- Sarcoptes scabiei ovis*, Megn., carried by dogs, IV. 58.
- Sarcoptes scabiei suis*, Megn., measures against, VI. 170, VII. 175, VIII. 52, 200; infesting dogs, III. 5; known to attack man, VII. 161.
- Sarcoptes scabiei vulpis*, Fürst., in Canada, X. 139; infesting foxes, IX. 96, X. 139.
- Sarcoptes squamifer*, Fürst. (see *S. scabiei suis*).
- Sargus cuprarius*, L., breeding in manure in British Isles, IV. 108, 144, VII. 191.
- Sargus iridatus*, Scop., in houses in Britain, IV. 144.
- sarinus*, *Ceratophyllus*.
- sarraceniae*, *Sarcophaga*.
- sarracenioides*, *Sarcophaga tuberosa*.
- satunini*, *Hystrichopsylla*.
- saturejae*, *Holcocranum*.
- saurarum*, *Liponyssus*.
- savignyi*, *Ornithodoros*.
- savii*, *Ctenophthalmus*.
- saxatilis*, *Culex* (*Neoculex*) (see *C. apicalis*).
- sayi*, *Psorophora* (*Aedes*, *Janthinosoma*) *posticata*.
- scabiei*, *Sarcoptes* (*Acarus*).
- scalaris*, *Anthomyia* (*Homalomyia*); *Aphiochacta*; *Trichodectes*.
- scapularis*, *Aedes* (*Culex*, *Leucomyia*, *Ochlerotatus*); *Ixodes*.
- Scatophaga*, in buildings in British Isles, VII. 191.
- Scatophaga furcata*, Sav, predacious on house-flies in U.S.A., V. 30.
- Scatophaga merdaria*, F., predacious on *Scatopse notata*, II. 56.
- Scatophaga stercoraria*, L., IV. 46; in Britain, II. 19, IV. 108, 143, VIII. 22, IX. 57; in France, II. 134; in Korea, IX. 180, X. 206; in India, VII. 129; in U.S.A., IV. 5; hibernation of, IV. 143, IX. 180, X. 206; predacious on other Diptera, II. 56, IX. 57; of doubtful value against blow-flies, IX. 140; natural enemies of, VIII. 22; traps for, IV. 5.
- scatophagoides*, *Mucidus*.
- Scatopse*, in U.S.A., III. 62.
- Scatopse notata*, L., breeding in manure in British Isles, VII. 191; breeding in cesspools in France, X. 30; preyed on by *Scatophaga stercoraria*, II. 56.
- Scaurus*, infested with *Hymenolepis diminuta*, III. 138.
- Scaurus striatus*, L., intermediate host of *Hymenolepis diminuta*, V. 14, VIII. 85.
- Scenopinus fenestralis*, L., in Britain, II. 19; in U.S.A., V. 145, VI. 103; predacious on other insects, V. 145.
- schefferi*, *Hystrichopsylla*.
- schelkownikovi*, *Amphipsylla*.
- Schistocerca americana*, Drury, attacked by *Euthrombidium* in N. America, VI. 143.
- Schizodactylus* (see *Ankistrodactylus*).
- schmalzi*, *Cuterebra*.
- scholasticus*, *Culex*.
- schönbaueri*, *Simulium*.
- Schöngastia americana*, Hirst, described as new from fowls in U.S.A., IX. 51.
- Schöngastia indica*, Hirst, described as new from *Nesokia bengalensis* in Calcutta, III. 228.
- Schöngastia vandersandeii*, Oud., attacking man in New Guinea, VI. 147.
- Schöngastiella bengalensis*, Hirst, described as new from *Mus rattus* in Calcutta, III. 228.
- schüffneri*, *Anopheles*.
- schulzei*, *Culicoides*.
- schwetzi*, *Corizoneura*; *Glossina*.
- Sciara*, breeding in manure in British Isles, VII. 191.
- Sciara coprophila*, Lintner, *Schneideria metamorphosa* in, in Kansas, X. 206.
- Sciara militaris*, Now., preyed on by *Muscina pabulorum*, I. 109.
- scintillans*, *Psorophora*.
- Sciomyza dubia*, Flin., larvae of, attacking molluscs, IX. 149.

- scionoides*, *Erephopsis*.
Scipio aulacodi, Neum., on *Thryonomys* in S. Africa, IV. **120**.
Scipio breviceps, Ferris, described as new from *Thryonomys* in S. Africa, IV. **120**.
sciurinus, *Liponyssus*.
sciurorum, *Ceratophyllus*.
Sclerodermus sidneyanus, Westw., attacking man in Macedonia, IX. **45**.
scoparia, *Sarcophaga*.
scorpioides, *Chelifer*.
scudderi, *Bogeria*.
sculpturatus, *Pterolichus*.
scupense, *Hyalomma*.
scutellaris, Theo., *Aedes* (see *A. albopictus*).
scutellaris, Wlk., *Aedes* (see *A. variegatus*).
scutellaris, *Figites*; *Haematopota*; *Olfersia*; *Trombicula*.
scutellatus, *Diachlorus*.
Scutigera forceps, Rafin., predacious on house-flies and bedbugs in U.S.A., V. **48**, VI. **103**.
Scutomyia atripes (see *Rachionotomyia*).
Scutomyia notoscripta (see *Aedes*).
Scutomyia treubi (see *Armigeres*).
secedens, *Tabanus*.
seclusus, *Tabanus*.
secunda, *Culex* (*Carrollia*).
secura, *Neopsylla*.
segmentarius, *Harpactor* (*Rhincoris*).
Selasoma tibiale, F., in Brazil, IV. **36**; in British Guiana, VII. **129**.
selengensis, *Anopheles* (see *A. maculipennis*).
semiargentina, *Limnophora*.
semitra, *Pseudogametes*.
semicantans, *Aedes* (*Ochlerotatus*).
semifasciatus, *Neohaematopinus anellenatus*.
semifumosa, *Palpomyia*.
seminationis, *Platystoma*.
semisordidus, *Tabanus*.
senile, *Simulium*.
senior, *Tabanus*.
senior-whitei, *Musca*.
seoulensis, *Aedes* (*Finlaya*).
separatus, *Anopheles*.
Sepsis, N.American species of, V. **192**; breeding in manure in British Isles, VII. **191**; hibernation of, in Korea, IX. **180**.
Sepsis minuta, Wied., in U.S.A., V. **145**; trap for, V. **45**.
Sepsis punctum, Mg., in Britain, II. **19**.
Sepsis violacea, L., in U.S.A., V. **145**.
septemnotata, *Limnophora*.
septempunctatus, *Taeniorhynchus* (*Mansonioides*).
septentrionalis, *Megarhinus*; *Tabanus*.
sequax, *Tabanus*.
serena, *Pyrellia*.
serenissima, *Lucilia* (see *L. argyri-cephala*).
sergenti, *Anopheles*; *Culex* (see *C. apicalis*); *Culicoides* (*Diplosella*); *Phlebotomus* (*Sergentiomyia*).
Sergentiomyia, a subgenus of *Phlebotomus* (q.v.), IX. **22**, X. **50**.
sericata, *Lucilia*.
sericatum, *Simulium* (*Boophthora*).
sericeiventris, *Tabanus*.
Sericophorus relucens, Sm., predacious on *Lyperosia exigua* in Australia, VI. **119**.
Sericothrombium, in England, X. **119**.
Serinetha amicta, Germ., *Leptomonas* found in, in Belgian Congo, I. **141**.
Serinetha fraterna, Westw., *Leptomonas* found in, in Belgian Congo, I. **141**.
serrata, *Blepharoptera* (*Leria*); *Haematobia* (see *Lyperosia irritans*).
serratriceps, *Ctenocephalus* (*Pulex*) (see *C. canis*).
serraticus, *Trichodectes*.
Serrator, in dead bodies, IX. **121**.
serratus, *Aedes* (*Culex*, *Protoculex*); *Polyplax*.
sessilis, *Atrichopogon*.
setifer, *Centrorhynchus* (see *Cotocripus caridei*).
setigena, *Fannia*.
setiger, *Liponyssus*.
setigera, *Musca* (see *M. albomaculata*).
setosus, *Carnus*; *Linognathus*.
severini, *Glossina*.
sewelli, *Haematopota*.
sexlineatus, *Aedes* (*Stegomyia*).
sexpunctata, *Psychoda*.
Shropshirea ypsipola (see *Wyeomyia*).
shropshirei, *Trichoprosopon*.
siamensis, *Leptoconops*.
siberica, *Trichocera*.
siberiensis, *Theobaldia* (*Culiseta*) (see *T. alaskaensis*).
sicamus, *Megarthroglossus*.
siccus, *Chrysops*.
sidae, *Mylabris*.
sidneyanus, *Sclerodermus*.

- sigma*, *Sarcophaga*.
signata, *Monedula*; *Phaonia*.
signatipennis, *Phlebotomus*.
signativentris, *Tabanus*.
signatus, *Culicoides*.
signifer, *Chrysops*; *Orthopodomysia*.
signipennis, *Psorophora*.
silacea, *Chrysops*.
silantievi, *Ceratophyllus*.
Silpha littoralis, Bergstr., in dead bodies, IX. 121.
Silpha obscura, L., in dead bodies, IX. 121.
Silvanus surinamensis, L., found in copra, VIII. 150.
silvarum, *Liponyssus* (see *L. sylviarum*).
Silvestriellus, gen. n., X. 171.
Silvestriellus patagonicus, Brèthes, described as new from Argentina, X. 171.
silvestrii, *Culicoides*.
Silvius, IX. 144; attacked by Asilids in Nyasaland, III. 116; in Russia, III. 195.
Silvius alcocki, Summers, in Australia, IV. 91.
Silvius apiformis, Neave, described as new from Nyasaland, III. 116.
Silvius ater, Tayl., described as new from Australia, VI. 118.
Silvius australis, Ric., in New South Wales, IV. 182.
Silvius borealis, Tayl., described as new from Australia, IV. 91.
Silvius callosus, Ric., described as new from Natal, IX. 50.
Silvius distinctus, Tayl., described as new from Australia, X. 109.
Silvius elongatulus, Tayl., described as new, IV. 91; in Australia, IV. 91, VI. 74.
Silvius equinus, Ferg. & Hill, described as new from Australia, X. 224.
Silvius frontalis, Ric., in Queensland, IV. 183, VI. 74.
Silvius fuliginosus, Tayl., described as new from Australia, IV. 91.
Silvius fulvohirtus, Tayl., described as new from Queensland, IV. 91.
Silvius gigantulus, Lw., habits of, in Canada, II. 197.
Silvius hilli, Tayl., described as new, IV. 91; in Australia, IV. 91, 193.
Silvius hirsutus, Ric., described as new from Cape Colony, IX. 50.
Silvius imitator, Ferg., described as new from Australia, IX. 113.
Silvius jonesi, Cresson, described as new from N. America, VIII. 84.
Silvius minor, Tayl., described as new from Australia, VI. 238.
Silvius montanus, Ric., in Queensland, VI. 228.
Silvius monticola, Neave, described as new from Nyasaland, III. 116.
Silvius nigroapicalis, Ferg., described as new from Australia, IX. 169.
Silvius notatus, Ric., in Australia, IX. 133, X. 15; pupation of, X. 15.
Silvius paraluridus, Ferg. & Henry, described as new from New South Wales, VIII. 173.
Silvius psarophanes, Tayl., described as new from New South Wales, VII. 12.
Silvius sordidus, Tayl., described as new, IV. 91; in Australia, IV. 8, 91.
Silvius stradbrokei, Tayl., described as new from New South Wales, VII. 12.
Silvius sublividus, Tayl., described as new from Australia, VI. 118.
Silvius sulcifrons, Ferg., described as new from Australia, IX. 169.
Silvius sylverii (see *Pseudacanthocera*).
Silvius tabaniformis, Tayl., described as new from Australia, IV. 91.
Silvius tepperi, Ferg., described as new from Australia, IX. 113.
Silvius trypherus, Tayl., described as new from Australia, IV. 91.
simile, *Simulium*.
similis, *Aedes* (*Pseudoskusea*, *Skusea*); *Anopheles* (see *A. novumbrosus*); *Culex* (see *C. palus*); *Culicoides*; *Cyclopodia*; *Dasyhelea*; *Haematopota*; *Lep-tus* (*Trombicula*); *Neopsylla*; *Tabanus*.
simillimus, *Phlebotomus*.
simla, *Ceratophyllus*.
simlensis, *Aedes* (*Finlaya*); *Anopheles*.
simplex, *Culex* (see *C. annulirostris*, *Skuse*); *Ischnopsyllus*; *Ophyra*.
simplicicolor, *Simulium*.
simpsoni, *Aedes* (*Stegomyia*); *Culex*; *Tabanus*.
simsoni, *Stephanocircus*.
simulans, *Aedes* (*Ochlerotatus*); *Di-cladocera*.
simulator, *Culex*.
Simulium, VII. 40; in S. Africa, I. 154; N. American species of, II. 167; in Arctic Regions, VII. 196; in Astrakhan, III. 68; in Australia, VI. 178; in Brazil,

- II. 53, V. 65; in Britain, IV. 121; British species of, III. 140, V. 70; in Canada, III. 155, V. 105; in Belgian Congo, I. 220, II. 170, III. 137; in Denmark, VII. 172; causing death of cattle in Germany, II. 146, VIII. 217, 220; in Hungary, IV. 158; in Italy, X. 174; in Jamaica, IV. 90, IX. 171; not transmitting trypanosomiasis in Kenya, X. 16; absent from Maré, Loyalty Islands, II. 39; in Nyasaland, II. 35, IV. 171; in Philippines, VII. 194; in Russia, III. 183; in Salonika, IV. 179; in U.S.A., I. 197, II. 78; absent from Zanzibar, III. 50; possible relation of, to American forest leishmaniasis, II. 53, III. 144, 147, V. 182; supposed relation of, to pellagra, II. 137, III. 103, IV. 90, VII. 42, X. 174; not carriers of verruga, I. 221; attacking domestic animals, I. 154, II. 146, IV. 158, V. 105, VI. 178; carrying parasitic mites, I. 197; hibernation of, IV. 121; measures against, III. 38, 105, VIII. 112; classification of, II. 27, III. 67, VIII. 215; literature of, VIII. 220.
- Simulium alcocki*, Pomeroy, described as new from Nigeria, X. 106; breeding-places of, X. 106.
- Simulium alcocki* var. *coalitum*, Pomeroy, described as new from Nigeria, X. 106.
- Simulium alcocki* var. *violaceum*, Pomeroy, described as new from Nigeria, X. 106.
- Simulium alternans*, End., described as new from Hungary, IX. 184.
- Simulium amazonicum*, Goeldi (*exiguum*, Lutz), in Brazil, IV. 36, VI. 90, 129, VIII. 25, X. 200; bionomics of, VI. 129, VIII. 25; on domestic animals, X. 200; synonymy of, II. 27.
- Simulium angustifrons*, End., described as new from France, IX. 184.
- Simulium angustimanus*, End., described as new from Germany, IX. 184.
- Simulium angustipes*, Edw. (see *S. aureum*).
- Simulium angustitarsis*, Lundstr., in Britain, IX. 41; in Switzerland, VIII. 134; *S. aureum* recorded as, VIII. 215; synonymy of, IX. 41, 184.
- Simulium annulatum*, in Chile, II. 169.
- Simulium arcticum*, Malloch, described as new from Canada, II. 168.
- Simulium argyreatum*, Mg., in Britain, III. 140; in Germany, VIII. 114, 215, IX. 36, 104, 212-213; attacking cattle, IX. 104, 213.
- Simulium aureohirtum*, Brun., in India, VIII. 30.
- Simulium aureopunctatum*, Malloch, described as new from Guatemala, II. 168.
- Simulium aureum*, Fries (*angustipes*, Edw., *bracteatum*, Coq.), in Britain, III. 140, IX. 41; in France, VI. 113; in Germany, VIII. 215, IX. 36, 104, 212-213; in U.S.A., I. 77, IV. 82; bionomics of, I. 77, IV. 82; possibly attacking warm-blooded animals, IX. 41; parasites of, IX. 104; previously recorded as *S. angustitarsis*, VIII. 215; recorded as *S. latipes*, VI. 113; synonymy of, IX. 41.
- Simulium auricoma*, Mg., in Germany, VIII. 215, IX. 212.
- Simulium austeni*, Edw., described as new, III. 140; in British Isles, III. 140, IX. 41; in Germany, IX. 36, 212; probably a local race of *S. venustum*, IX. 41.
- Simulium bancrofti*, Tayl., described as new from Australia, VII. 62.
- Simulium bipunctatum*, Malloch (see *S. dinellii*).
- Simulium bivittatum*, Malloch, described as new from New Mexico, II. 168.
- Simulium* (*Prosimulium*) *borealis*, Malloch, described as new from Canada, VII. 196.
- Simulium bracteatum*, Coq. (see *S. aureum*).
- Simulium brevibranchium*, Lutz & Machado, in Brazil, IV. 36.
- Simulium bulgaricum*, End., described as new from Bulgaria, IX. 184.
- Simulium canariense*, Ségué, described as new from Canary Islands, X. 31.
- Simulium cinereum*, Macq., attacking domestic animals in France, IX. 154.
- Simulium clavipes*, Malloch, described as new from Guadaloupe, II. 168.
- Simulium columbacense*, Schönb.,

- in France, VI. 113; attacking cattle in Hungary, V. 17.
- Simulium costatum*, Friederichs, described as new, VIII. 215; in Germany, VIII. 215, IX. 212; previously recorded as *S. maculatum*, VIII. 215.
- Simulium dahlgrüni*, End., described as new from Sardinia, IX. 184.
- Simulium (Eusimulium) damnosum*, Theo., in Dahomey, II. 172; in Kamerun, X. 114; in Nigeria, VI. 225.
- Simulium dentulosum*, Roub., described as new from B. E. Africa, IV. 39.
- Simulium dinellii*, Joan, believed to transmit *Onchocerca* in Guatemala, VII. 159; synonymy of, II. 27.
- Simulium distinctum*, Malloch, described as new from Texas, II. 2; in Brazil, III. 67; synonymy of, III. 67.
- Simulium divergens*, Pomeroy, described as new from Nigeria, X. 106; breeding-places of, X. 106.
- Simulium diversifurcatum*, Lutz, in Brazil, IV. 36.
- Simulium equinum*, L., in Britain, III. 140; in Palestine, IX. 194; *S. maculatum* possibly a synonym of, IX. 104.
- Simulium escomeli*, Roub., in Chile, II. 169.
- Simulium exiguum*, Lutz (see *S. amazonicum*).
- Simulium exiguum*, Roub., in Venezuela, II. 27.
- Simulium falcula*, End., described as new from Germany and England, IX. 184.
- Simulium flavipes*, Aust., described as new on horses in Palestine, IX. 194.
- Simulium forbesi*, Malloch, described as new from U.S.A., II. 168.
- Simulium (Prosimulium) fulvipes*, Edw., described as new from Bulgaria, IX. 52.
- Simulium (Prosimulium) fulvum*, Coq., in N. America, X. 115.
- Simulium (Parasimulium) furcatum*, Malloch, III. 67; described as new from California, II. 168.
- Simulium furiosum*, Skuse, in Australia, VII. 62.
- Simulium (Prosimulium) fuscipes*, v. Roser, described as *S. tomosvaryi*, sp. n., IX. 184.
- Simulium (Prosimulium) gallii*, Edw., described as new, IX. 52; in Switzerland, IX. 52, X. 93; not attacking man, X. 93.
- Simulium gracilipes*, Edw., described as new on mules in Morocco, IX. 52.
- Simulium griseicollis*, Becker, in Egypt, VI. 239.
- Simulium haematopotum*, Malloch, described as new from Mexico and Cuba, II. 168.
- Simulium heidenreichi*, End., described as new from Germany, IX. 184.
- Simulium heymonsi*, End., described as new from Norway and Finland, IX. 184.
- Simulium hippovororum*, Malloch, described as new from Mexico, II. 168.
- Simulium hirsutum*, Pomeroy, described as new from Tanganyika, X. 106; breeding-places of, X. 106.
- Simulium hirsutum* var. *adversi*, Pomeroy, described as new from Zanzibar, X. 106.
- Simulium hirsutum* var. *dubium*, Pomeroy, described as new from Zanzibar, X. 106.
- Simulium hirtipes*, Fries, in Britain, III. 140; in Canada, III. 155; in France, VI. 113; in Germany, VIII. 215, IX. 212; bionomics of, in U.S.A., I. 77.
- Simulium incrustatum*, Lutz, in Brazil, IV. 36, VIII. 26.
- Simulium indicum*, Becker, in India, VII. 129, VIII. 30.
- Simulium inexorabile*, Schrottky, considered a synonym of *S. pertinax*, VIII. 26.
- Simulium invenustum*, Wlk., in Canada, III. 155; attacking cattle in U.S.A., II. 177.
- Simulium jenningsi*, Malloch, described as new from U.S.A., II. 168.
- Simulium johannseni*, Hart, in U.S.A., II. 168, IV. 82; bionomics of, IV. 82.
- Simulium lapponicum*, End., described as new from Lapland, IX. 184.
- Simulium latimanus*, End., described as new from Germany and England, IX. 184.
- Simulium latipes*, Mg., in British Isles, III. 140, IX. 41; in Germany, VIII. 215, IX. 36, 212; in Nyasaland, II. 36; attacking man, IX. 41; *S. aureum* recorded as, VI. 113.

- Simulium limbatum*, Knab, described as new from British Guiana, IV. 30.
- Simulium lineatum*, Fries (see *S. maculatum*).
- Simulium lutzi*, Knab, n.n. for *S. exiguum*, Lutz (= *amazonicum*), II. 27.
- Simulium maculatum*, Mg., in France, VI. 113; in Germany, II. 100, VIII. 114, 134, IX. 36, 104, 212-213; in Tunis, VI. 28; *Coelomyxidium simuli* probably infesting, IX. 79; attacking cattle and horses, IX. 36, 104, 213; bionomics of, VIII. 134; breeding in salt springs, II. 100; *S. costatum* recorded as, VIII. 215; possibly a synonym of *S. equinum*, IX. 104.
- Simulium matthiesseni*, End., described as new from Germany and S. Russia, IX. 184.
- Simulium minusculum*, Lutz (see *S. amazonicum*).
- Simulium minutum*, Lugger, in N. America, II. 27.
- Simulium minutum*, Surcouf & Rincones (see *S. amazonicum*, Goeldi (*lutzi*, Knab)).
- Simulium molestum*, Wlk., in Canada, III. 155, VI. 183.
- Simulium montanum*, End., described as new from Germany, IX. 184.
- Simulium monticola*, Friederichs, described as new, VIII. 215; in Germany, VIII. 215, IX. 212; attacking horses, IX. 213.
- Simulium morsitans*, Edw., described as new from Britain, III. 140; characters distinguishing, from *S. austeni*, IX. 36.
- Simulium (Prosimulium) mutatum*, Malloch, described as new from N. America, II. 168.
- Simulium nanum*, Zett., in France, VI. 113; in Nyasaland, II. 36.
- Simulium neavei*, Roub., described as new from Uganda, IV. 39; human disease transmitted by, in Kenya, X. 16.
- Simulium (Vilhelmia) nigrum*, Mg., swarming of, in Germany, IX. 104.
- Simulium nigrum* var. *aurescens*, End., IX. 104.
- Simulium nitidum*, Malloch (see *S. amazonicum*).
- Simulium nobile*, de Meij., in Java, VII. 129.
- Simulium nölleri*, Friederichs, described as new, IX. 36; in Germany, IX. 36, 104, 212-213.
- Simulium obreptans*, Edw., in Canary Islands, X. 31.
- Simulium ochrescentipes*, End., described as new, IX. 184.
- Simulium orbitale*, Lutz, in Brazil, IV. 36, VI. 90, VIII. 26; habits of, VIII. 26.
- Simulium (Odagmia) ornatum*, Mg., in British Isles, III. 140, IX. 41; in France, VI. 113; habits of, in Germany, VIII. 215, IX. 36, 165, 212-213.
- Simulium ornatum* var. *nitidifrons*, Edw., described as new from British Isles, IX. 41; attacking man in Germany, IX. 104, 212-213; recorded as *S. reptans*, IX. 104.
- Simulium ornatum* var. *pratorum*, Friederichs, described as new, IX. 36; in Germany, IX. 36, 213.
- Simulium palmeri*, Pomeroy, described as new from Nigeria, X. 106; breeding-places of, X. 106.
- Simulium paraguayense*, Schrottky, distribution of, in S. America, IV. 36, VIII. 26.
- Simulium paranense*, Schrottky, in Paraguay, VIII. 26.
- Simulium parnassum*, Malloch, described as new from U.S.A., II. 168.
- Simulium parvum*, End., described as new, IX. 184.
- Simulium (Prosimulium) pecuarum*, Riley, attacking domestic animals in U.S.A., II. 167, 177, V. 167, VI. 169, 183.
- Simulium peetsi*, End., described as new from Germany, IX. 184.
- Simulium pertinax*, Kollar, distribution of, in S. America, VIII. 26, X. 159, 200.
- Simulium pictipes*, Hagen, in Canada, III. 155; in U.S.A., IV. 81; bionomics of, IV. 81.
- Simulium pictum*, Mg., in Germany, VIII. 215; *S. reptans* recorded as, IX. 104.
- Simulium placidum*, Knab, described as new from Trinidad, IV. 30.
- Simulium pruinosum*, Lutz, in Brazil, IV. 36, VI. 90, X. 200.
- Simulium pseudoequinum*, Séguy, described as new from Canary Islands, X. 31.
- Simulium pulverulentum*, Knab, de-

- scribed as new from British Honduras, III. 67.
- Simulium pusillum*, Fries, in Nyasaland, II. 36.
- Simulium (Melusina) reptans*, L., in Britain, III. 140; causing death of cattle in Germany, IV. 126, V. 120, VIII. 114, 134, 215, 217, IX. 36, 104, 212-213; in Sweden, VII. 157; supposed relation of, to pellagra, I. 186.
- Simulium reptans* var. *galeratum*, Edw., described as new from British Isles, IX. 41.
- Simulium rubicundulum*, Knab, described as new from Mexico, III. 67.
- Simulium rubrithorax*, Lutz, in Argentina, VIII. 26; in Brazil, IV. 36.
- Simulium samboni*, Jennings, believed to transmit *Onchocerca* in Guatemala, VII. 159.
- Simulium sanguineum*, Knab, described as new from Colombia, IV. 30; attacking man, IV. 30.
- Simulium schönbaueri*, End., described as new from Hungary, IX. 184.
- Simulium senile*, Brun., in India, VIII. 30.
- Simulium (Boophthora) sericatum*, Mg., attacking man and cattle in Germany, IX. 104.
- Simulium simile*, Malloch, described as new, VII. 196; in Canada, VI. 179, VII. 196, X. 181; attacking cattle, VI. 179; bionomics and control of, X. 181-182.
- Simulium simplicicolor*, Lutz, in Brazil, VI. 90, X. 200.
- Simulium specularifrons*, End., described as new from Norway, IX. 184.
- Simulium spinibranchium*, Lutz, in Brazil, IV. 36.
- Simulium striatum*, Brun., in India and Ceylon, VII. 129.
- Simulium subexcisum*, Edw., described as new from Britain, III. 140.
- Simulium submorsitans*, Séguy, described as new from Canary Islands, X. 31.
- Simulium subornatum*, Edw., described as new from British Isles, IX. 41.
- Simulium subpallidum*, Lutz, in Paraguay, VIII. 26.
- Simulium subviride*, Lutz, in Brazil, IV. 36, VIII. 26.
- Simulium tenuifrons*, End., described as new from Germany, IX. 184.
- Simulium tenuimanus*, End., described as new from Germany and Finland, IX. 184.
- Simulium tenuipes*, Knab, described as new from Chile, II. 169.
- Simulium tömösvaryi*, End., described as new from Germany, IX. 184; a synonym of *S. fuscipes*, q.v.
- Simulium trabeatum*, End., described as new from Italy, IX. 184.
- Simulium transcasicum*, End., described as new from Transcaspia, IX. 184.
- Simulium tredecimatum*, Edw., described as new from British Isles, IX. 41.
- Simulium tristrigatum*, End., described as new from France and Spain, IX. 184.
- Simulium trivittatum*, Malloch (see *S. distinctum*).
- Simulium tuberosum*, Lndst., in Britain, III. 140.
- Simulium variegatum*, Mg. (*venefica*, Friederichs), in Britain, III. 140; in Germany, VIII. 215, IX. 104, 214; synonymy of, IX. 104.
- Simulium venefica*, Friederichs, described as new from Germany, VIII. 215; a synonym of *S. variegatum*, q.v.
- Simulium venustum*, Say, in N. America, IV. 81, 82, VI. 169, IX. 41, X. 182; species allied to, in U.S.A., V. 167; bionomics of, IV. 81, 82; oiling against, X. 182.
- Simulium victoriae*, Roub., in Australia, VII. 62.
- Simulium vittatum*, Zett., in Canada, X. 182; in U.S.A., I. 77, 95, 186, II. 160, 168, III. 85, IV. 81; supposed relation of, to pellagra, I. 186, II. 160; bionomics of, I. 95, IV. 81; parasites of, II. 168; oiling against, X. 182.
- Simulium vittatum* var. *delphinense*, Villen., described as new from France, VI. 113.
- Simulium vorax*, Pomeroy, described as new from Tanganyika, X. 106.
- Simulium wilhelmianum*, End., described as new from Germany, IX. 184.
- Simulium yerburyi*, Edw., described as new from British Isles, IX. 41.
- simus*, *Rhipicephalus*.
sincerus, *Ceratophyllus*.

- sinensis*, *Anopheles* (*Myzorhynchus*) (see *A. hyrcanus*); *Chrysops*; *Culex*; *Lispa*.
- singularis*, *Gymnohelea* (*Atrichopogon*); *Mesomyia* (*Chrysops*, *Nemorius*).
- Siphonella funicola* (see *Siphunculina*).
- Siphunculina* (*Siphonella*) *funicola*, de Meij., in India, VI. 22, VIII. 43; bionomics of, VI. 22; flagellates in, IX. 162.
- siro*, *Tyroglyphus*.
- sitiens*, *Culex*.
- Sitodrepa panicea*, L., measures against, in drugs, X. 85.
- Sitotroga cerealella*, Ol., *Pediculoides ventricosus* predacious on larvae of, I. 197.
- Skusea*, a subgenus of *Aedes*, *q.v.*
- smaragdina*, *Oecophylla*.
- smithi*, *Wyeomyia*.
- socia*, *Pegomyia*.
- sociabilis*, *Psilohelea*.
- socialis*, *Tabanus*.
- socius*, *Tabanus*.
- sodalis*, *Ceratophyllus*.
- Solenopotes capillatus*, End., in Germany, IX. 203; in U.S.A., IX. 203, X. 122; on cattle, IX. 203; derris against, X. 122.
- Solenopsis geminata*, F., in houses in Jamaica, IX. 31; destroying mosquitos in Sierra Leone, IV. 163; predacious on chicken mites in U.S.A., V. 174.
- Solenopsis geminata* var. *rufa*, Snd., predacious on *Lyperosia exigua* in Australia, VI. 119.
- solida*, *Pygiopsylla*.
- sollicitans*, *Aedes* (*Culex*, *Ochlerotatus*).
- solstitialis*, *Bezzia* (see *B. annulipes*); *Tabanus* (*Theriopteles*).
- sonomensis*, *Tabanus*.
- sordida*, *Phormia* (*Protocalliphora*) (see *P. coerulea*); *Triatoma*.
- sordidus*, *Silvius*.
- sorecis*, *Palaeopsylla*.
- soricinus*, *Demodex*.
- soror*, *Sarcophaga*.
- soubiroui*, *Tabanus*.
- spadix*, *Ceratophyllus*; *Tabanus*.
- spalacis*, *Ctenophthalmus*.
- Spalangia*, distribution of, II. 23; proposed introduction of, into Africa against *Glossina*, II. 141; in Fiji, X. 226; introduced into Hawaii against *Lyperosia irritans*, X. 83; parasitising house-flies, IV. 121, X. 226.
- Spalangia drosophilae*, Ashm., parasite of *Drosophila*, II. 24.
- Spalangia erythromera*, Förster, associated with *Lasius fuliginosus*, II. 24.
- Spalangia formicaria*, Kieff., associated with *Lasius fuliginosus*, II. 24.
- Spalangia fuscipes*, Nees, parasite of *Lasiptera eryngii*, II. 24.
- Spalangia grotiusi*, Gir., parasite of blow-flies in Australia, X. 56.
- Spalangia haematobiae*, Ashm., parasite of *Lyperosia irritans*, II. 24.
- Spalangia hirta*, Hal., in Britain, VIII. 22; parasite of *Musca domestica*, II. 24, VIII. 22.
- Spalangia muscae*, Howard (see *S. rugosicollis*).
- Spalangia muscidarum*, Richardson, in Australia, VIII. 174, IX. 156, X. 1, 2, 56, 134; in France, IX. 166; in U.S.A., II. 22, 24; parasite of Muscids, I. 94, II. 22, 24, VIII. 174, IX. 156, 166, X. 1, 2, 56, 134; bionomics of, II. 22; value of, against sheep maggot-flies, X. 2, 134.
- Spalangia nigra*, Latr., hosts of, II. 24, 134.
- Spalangia philippinensis*, Fullaway, described as new, V. 137; introduced into Hawaii from Philippines against house-flies, V. 137.
- Spalangia rugosicollis*, Ashm. (*muscae*, Howard), in Germany, VIII. 103; in U.S.A., I. 94; parasite of *Stomoxys*, I. 94, 97, VIII. 103.
- Spaniopsis clelandi*, Ferg., described as new, IV. 41; in New South Wales, IV. 41, VIII. 127; bionomics of, IV. 41.
- Spaniopsis longicornis*, Ferg., described as new, IV. 42; in New South Wales, IV. 42, VIII. 127.
- Spaniopsis marginipennis*, Ferg., described as new, IV. 42; in New South Wales, IV. 42, VIII. 127.
- Spaniopsis tabaniformis*, White, described as new, III. 126; in Tasmania, III. 126, VIII. 127.
- Spaniopsis vexans*, Ferg., described as new, IV. 42; in New South Wales, IV. 42, VIII. 127.
- sparsilis*, *Cacodmus*.
- Spathicera pavesii* (see *Gyrostigma*).
- spathifurca*, *Culiciomyia*.
- spathipalpis*, *Theobaldia* (*Culex*) (see *T. longiareolata*).
- speciosus*, *Megarhinus* (*Toxorhynchites*); *Tabanus*.
- spectabilis*, *Leptopsylla*.

- specularifrons*, *Simulium*.
speculator, *Phygadeuon*.
spégazzinii, *Haemagogus* (see *H. capricornii*).
spenceri, *Aedes*.
spermophilae, *Philornis*.
sphaerocephalus, *Trichodectes*.
Sphaeromyias (*Johannsenomyia*) *litoraurea*, I. & M., described as new from Gold Coast, X. **61**; breeding-places of, X. **61**.
Spharagemon bolli, Scudder, attacked by *Euthrombidium trigonum* in N. America, VI. **147**.
Sphyracephala hearseyana, Westw., bionomics of, in India, IV. **91**.
Spilopsyllus, notice of key to, VII. **121**.
Spilopsyllus cuniculi, Dale, in Britain, IV. **166**, IX. **47**; hosts of, VIII. **4**, IX. **47**.
spinea, *Neopsylla*.
spinibranchium, *Simulium*.
spinifera, *Pseudofiersia*.
spiniger, *Liponyssus*.
spinigera, *Ophyra*.
spinipalpis, *Ixodes dentatus*.
spinipennis, *Digonochaeta*.
spinipes, *Glycyphagus* (see *G. cada-verum*).
spinohumera, *Musca*.
spinolae, *Bembex*.
spinosa, *Akis*; *Musca* (see *M. pattoni*); *Palpomyia*.
spinosifrons, *Styloconops* (*Acanthoconops*).
spinosipes, *Aedes* (*Chaetocruiomyia*); *Leptoconops* (see *Styloconops albi-ventris*).
spinulosus, *Haematopinus*; *Polyplax*.
spirogyrae, *Stilobezzia*.
spissipes, *Culex* (*Melanoconion*).
splendens, *Haemagogus*; *Megarhinus*; *Mimomyia*; *Trombicula*.
splendida, *Wyeomyia*.
splendidum, *Amblyomma*.
spretus, *Melanoplus*.
squalidus, *Lipeurus*.
squamifer, *Sarcoptes* (see *S. scabiei suis*).
squamiger, *Aedes*.
squamipennis, *Aedomyia*; *Forcipomyia*; *Phlebotomus*.
squamipleuris, *Phlebotomus*.
squamitibia, *Forcipomyia*.
squamiventris, *Phlebotomus*.
squamosa, *Forcipomyia*; *Neocuterebra*.
squamosus, *Anopheles* (*Cellia*); *Culex*.
stabularis, *Muscina* (*Cyrtoneura*).
stabularis, *Eulaelaps* (*Laelaps*).
stantoni, *Haematopota*; *Phlebotomus*.
Stasisia rodhaini (see *Cordylobia*).
stebbingi, *Monophlebus*.
Stegoconops panarchys (see *Haemagogus*).
Stegomyia, a subgenus of *Aedes*, q.v.
Stegomyia atra (see *Rachionotomyia*).
Stegomyia atripes (see *Rachionotomyia*).
Stegomyia hilli (see *Rachionotomyia filipes*).
Stegomyia obturbans (see *Armigeres*).
Stegomyia ornata, Tayl. (see *Rachionotomyia*).
Stegomyia punctolateralis, Theo. (see *Rachionotomyia atripes*).
steindachneri, *Eurypelma*.
stellifer, *Culicoides*.
Stenocephalus, X. **145**; possible intracellular stage of *Herpetomonas* (*Leptomonas*) *davidi* in, X. **121**; presence of, on plants not necessarily associated with flagellosis, X. **146**.
Stenocephalus agilis, Scop., in Portugal, IX. **106**, X. **99**; transmitting *Herpetomonas* (*Leptomonas*) *davidi* to *Euphorbia*, VIII. **17**, **216**, IX. **106**, X. **99**, **187**.
Stenomalus muscarum, L., associated with hibernating flies in Britain, II. **134**, IV. **121**, VII. **72**, VIII. **22**.
Stenoponia wetmorei, Chapin, described as new from *Peromyscus* sp. in U.S.A., VII. **121**.
stenopsis, *Linognathus* (*Haematopinus*).
Stenopsylla, gen. n., *cruzi*, Alm. Cun., on opossum in Brazil, III. **82**.
Stenopterina gigas, Macq., in Queensland, VIII. **189**.
Stenopteryx hirundinis, L., in Norway, IV. **180**.
stenoscutus, *Aedes* (*Ochlerotatus*) *minutus* (see *A. abnormalis*).
Stenosteryx fulvoventralis, Dodd, described as new from Australia, X. **56**; a parasite of blow-flies, X. **59**; probably a synonym of *Australencyrtus giraulti*, X. **56**, **134**.
Stephanocircus, American species of, referred to *Craneopsylla*, V. **41**.
Stephanocircus concinnus, Roths., described as new from *Epimys* in Australia, V. **41**.
Stephanocircus dasyuri, Skuse, hosts of, in Australia and Tasmania, V. **41**, IX. **105**.

- Stephanocircus pectinipes*, Roths., on *Epimys assimilis* in Australia, V. 41.
- Stephanocircus simsoni*, Roths., on *Epimys velutinus* in Australia, V. 41.
- stephensi*, *Anopheles* (*Neocellia*); *Culicoides*; *Probezzia*.
- stercoraria*, *Scatophaga*.
- stercorarius*, *Meroplus*.
- sternalis*, *Liponyssus*.
- Sternopsylla*, gen. n., IX. 61.
- Stethomyia*, a subgenus of *Anopheles* (q.v.), VII. 23, X. 179.
- Stethomyia fragilis*, Theo. (see *Anopheles aikeni*).
- stevensi*, *Neopsylla*.
- Stibasoma*, in Brazil, IV. 37; distribution of, II. 87.
- Stibasoma bicolor*, Big., II. 87.
- Stibasoma dives*, Wlk., II. 87.
- Stibasoma dyridophorum*, Knab, described as new, II. 87.
- Stibasoma festivus*, Wied., II. 87.
- Stibasoma flavistigma*, Hine, II. 87.
- Stibasoma fulvohirtum*, Wied. II. 87.
- Stibasoma mallophoroides*, Wlk., II. 87.
- Stibasoma pachycephalum*, Big., II. 87.
- Stibasoma theotaenia*, Wied., II. 87.
- Stibasoma tristis*, Wied., II. 87.
- Stibasoma willistoni*, Lutz, II. 87.
- Stichocera*, gen. n. for *Dicrania* and *Dicranomyia*, VIII. 156.
- Stichocera* (*Dicranomyia*) *cervus*, Wied., in British Guiana, V. 4, VII. 179; attacking man, V. 4.
- sticticalis*, *Eretes*.
- sticticollis*, *Tabanus*.
- sticticus*, *Aedes* (*Culex*, *Ochlerotatus*).
- stigma*, *Culicoides*.
- stigmaticalis*, *Chrysops*.
- stigmaticus*, *Aedes* (*Ochlerotatus*); *Anopheles*.
- stigmatosoma*, *Culex*.
- Stilbometopa podostyla*, Speis., on pigeons in Brazil and British Guiana, IV. 137, VII. 129.
- Stilobezzia limnophila*, I. & M., described as new from Nigeria, X. 233.
- Stilobezzia rufa*, Kieff., described as new from Kamerun, X. 52.
- Stilobezzia spirogyrae*, C., I. & M., described as new from Gold Coast, IX. 76.
- stimulans*, *Aedes* (*Heteronychus*); *Chrysops*; *Haematobia*; *Lasiohelea* (*Ceratopogon*).
- stimulator*, *Cephenomyia*.
- Stizus turneri*, Frogg., described as new from Australia, VI. 68; predacious on flies, VI. 68.
- Stomatoceras exaratum*, Waterst., described as new from Nyasaland, IV. 65; parasite of *Glossina morsitans*, IV. 65.
- Stomatoceras micans*, Waterst., described as new, III. 142; parasite of *Glossina morsitans* in Nyasaland and N. Rhodesia, III. 142, IV. 29, 65, 117.
- Stomoxys*, conveying horse sickness in Belgian Congo, VI. 161; in Grenada, V. 54; *Bembex lunata* predacious on, in India, IX. 79; probable new species of, in India, X. 143; absent from Samoa, II. 83; not transmitting anaplasmosis, II. 172, VI. 75; transmission of *Habronema* by, VI. 13, IX. 101, X. 220; possible relation of, to leishmaniasis, II. 53, III. 147; and lymphangitis of domestic animals, VII. 8; relation of, to poliomyelitis, II. 26, V. 186; probably conveying *Sarcocystis* to cattle, IX. 181; relation of, to trypanosomiasis of domestic animals, I. 76, 87, 126, 181, II. 25, 42, 48, 76, III. 7, 230, IV. 42, 67, 151, V. 11, 12, 107, 173, VI. 31, 122, 133, VII. 126, 156, 159, VIII. 50, 147, 180, IX. 71, 101, 109, 171, X. 16, 108, 218, 236; not transmitting verruga, I. 221; bionomics of, III. 164; breeding-places of, III. 174; *Tabanid* larvae feeding on, I. 201; methods of dispersal of, I. 233; measures against, II. 48, 81, 202, IV. 41, 170, V. 23, IX. 191; repellents for, II. 202, III. 37, 164, VII. 21.
- Stomoxys bouvieri*, Roub., in Belgian Congo, I. 220.
- Stomoxys brunnipes*, Grünb., in Belgian Congo, I. 220; in Eritrea, V. 176; in Dutch E. Indies, VIII. 71.
- Stomoxys calcitrans*, L. (*plurinotata*, Big.), IV. 46; geographical distribution of, II. 8, III. 48; in W. Africa, IV. 45, 112, V. 45, 47, IX. 101; plague of, in S. Africa, I. 153; in Arabia, IV. 172; in Argentina, VII. 32, VIII. 61, X. 60; in Australia, III. 185, IV. 8, V. 49, VI. 62, VII. 61, 187, VIII. 51, 187, IX. 118, X. 15; in Austria, VI. 81; in Barbados, III. 223; in Brazil, VII. 65; in British Isles, I. 66,

III. 175, IV. 108, 143, VII. 191; in Canada, I. 185, II. 197, III. 90, 155, V. 105, VI. 183; in Canary Islands, X. 31; in Ceylon, II. 89; in Belgian Congo, IV. 67, V. 35, VIII. 17, X. 51; in Egypt, VI. 239; in Eritrea, V. 176; in France, I. 134, II. 111, IX. 163, X. 30, 160, 176; in Gallipoli, IV. 92; in Germany, VI. 174, VIII. 103, IX. 44, X. 160; in British Guiana, III. 157, V. 4, VI. 18; in India, I. 209, II. 140, III. 171, VIII. 31, IX. 208, X. 63, 143; in Jamaica, V. 131; in Kenya, X. 16; in Korea, IX. 180, X. 206; in Mesopotamia, VII. 102, IX. 15; in New Zealand, VII. 107; in Palestine, II. 100, IX. 194; in Philippines, I. 14, 129, III. 173, IV. 51, V. 61, VII. 194; in Rhodesia, I. 171, V. 166, VI. 119; in Russia, I. 152, III. 68, 123, 197, IX. 115; in Salonika, IV. 179; in Sumatra, VIII. 71; in Sweden, VII. 157; in Uganda, VII. 109; in U.S.A., I. 96, 197, II. 89, IV. 14, V. 145, VI. 103, 169, VII. 11, 165, VIII. 30, 35, 92, 186, 189, X. 26, 54, 162, 163, 170; in Venezuela, IX. 13; in Zanzibar, III. 48, 50, VI. 47; and anthrax, II. 73, 169, III. 197, IV. 58, X. 26; transmitting *Bacterium tularense*, III. 46; experimentally conveying hog cholera, VIII. 99; carrying eggs of *Dermatobia hominis*, VII. 65; and filariasis, III. 171, 173, 210; possibly transmitting foot and mouth disease, VIII. 168; transmission of *Habronema* by, I. 165, VII. 119, VIII. 51, 187, X. 15; and leishmaniasis, VII. 102; possibly transmitting mal de caderas, II. 35, 110, 176, III. 157, V. 4, 12; possible relation of, to pellagra, I. 197, III. 103; possible relation of, to poliomyelitis, I. 16, 17, 217, II. 137, V. 162, VI. 68, 112, VII. 61, 187, X. 54; possibly transmitting *Piroplasma bigemium*, IX. 13; probably not a carrier of *Onchocerca gibsoni*, III. 207, V. 110, VI. 27; and surra, I. 113, 212, II. 137, V. 61, X. 63; and swamp fever of horses, IV. 14, V. 123, VI. 86, VII. 165, VIII. 92; and trypanosomiasis in Africa, I. 125, III. 48, V. 166, 176, VI. 119, VII. 109,

VIII. 17, X. 51; transmitting *Trypanosoma americanum*, X. 163; bionomics of, I. 17, 96, 129, 149, III. 90, 171, IV. 143, VI. 174, VIII. 103, IX. 166, X. 30, 160; chemistry of saliva of, III. 42; valerianic acid a stimulus to oviposition of, I. 224; dispersal of, by man, IV. 96; breeding-places of, II. 26, 89, III. 22, VIII. 189, IX. 118; hibernation of, IX. 29, 180, X. 135, 206; baits and traps for, IV. 27, V. 45, VIII. 30, 189, IX. 166; repellents for, V. 73, 82, VI. 186, IX. 166; other measures against, I. 69, 97, 148, 153, II. 10, 111, III. 22, 171, VII. 32, 168, VIII. 30, 121, IX. 89, 166, X. 30, 176; natural enemies of, I. 11, 94, 97, 126, 147, 149, 165, II. 22, 24, 56, 111, 134, VI. 18, VIII. 61, IX. 44, X. 30; effect of meteorological conditions on, VIII. 186; anatomy of, I. 22, 142, 229, II. 131.

Stomoxys calcitrans var. *korogwensis*, Grünb., in Belgian Congo, I. 220.

Stomoxys fuscus, Wlk., *Newsteadina* gen. n. proposed for, IX. 207.

Stomoxys nigra, Macq., in E. Africa, III. 172, X. 16; in W. Africa, IV. 45, 113, V. 39; in Philippines, VII. 194; in Principe, IV. 49; in Rhodesia, I. 171; in U.S.A., II. 117; in Zanzibar, III. 48, VI. 46, 47; and trypanosomiasis in Africa, I. 125, II. 25, III. 48, IV. 112, VI. 119; possibly carrying *Filaria perstans*, II. 117; possibly transmitting pellagra, II. 117; feeding on birds, V. 39.

Stomoxys oblongopunctata, Brunetti (*oblongata* in error), breeding in birds' nests in India, IX. 79.

Stomoxys omega, Newst., in Portuguese E. Africa, III. 172; in Nigeria, IV. 113, V. 39, VI. 225.

Stomoxys plurinotata, Big. (see *S. calcitrans*).

Stomoxys taeniata, Big., in Belgian Congo, I. 220; believed to transmit trypanosomiasis in Eritrea, V. 176.

Stomoxys transvittata, Villen., described as new from Natal, V. 83.

Stomoxys varipes, Bezzi, in Kenya, X. 16.

stradbrokei, Silvius.

strangmanni, Tabanus.

Stratiomyia chamaeleon, L., experi-

- mental transmission of flagellates of, IV. **103**.
- Stratiomyia potamida*, Mg., experimental transmission of flagellates of, IV. **103**.
- streptans*, *Pirates*.
- strepsicerontis*, *Dermatoestrus*.
- striata*, *Chrysops* (see *C. mlokosiewiczzi*).
- striaticeps*, *Trombidium*.
- striatum*, *Amblyomina*; *Simulium*.
- striatus*, *Scaurus*; *Tabanus*.
- strigimacula*, *Anopheles* (*Arribalzagia*).
- strigipennis*, *Haematopota*.
- Stygeromyia maculosa*, Aust., in India, II. **184**, IV. **24**, VIII. **31**; habits of, II. **184**; breeding-places of, IV. **24**.
- stygia*, *Pollenia* (*Neopollenia*).
- stygius*, *Tabanus*.
- stylifer*, *Cotocripus*; *Goniodes*; *Lasiohelea*.
- Styloconops*, gen. n., IX. **171**.
- Styloconops* (*Acanthoconops*) *albiventris*, de Meij., IX. **133**, **171**; the type of the genus, X. **50**.
- Styloconops* (*Acanthoconops*) *spinosisfrons*, Carter, described as new, IX. **133**; correct generic name for, X. **50**.
- styx*, *Ceratophyllus*.
- subangustus*, *Tabanus*.
- subantarcticus*, *Tabanus*.
- subcallosus*, *Therioptectes*.
- subcantans*, *Aedes* (*Ochlerotatus*).
- subcontigua*, *Erephopsis*.
- subexcisum*, *Simulium*.
- subfasciatus*, *Therioptectes*.
- subfascipennis*, *Culicoides*.
- subflava*, *Euproctis flava*.
- sublividus*, *Silvius*.
- submetallica*, *Erephopsis*.
- submorsitans*, *Glossina morsitans*; *Simulium*.
- subnitidus*, *Culicoides*.
- subniveus*, *Aedes* (*Finlaya*).
- subnormalis*, *Uranotaenia*.
- subochrea*, *Theobaldia*.
- subornatum*, *Simulium*.
- subpallidum*, *Simulium*.
- subpictus*, *Anopheles* (*Myzomyia*).
- subrostratus*, *Trichodectes*.
- subsessilis*, *Clinohoelea* (see *C. luteitarsus*).
- subsimplicipes*, *Eretmopodites chrysogaster*.
- subspinosus*, *Macroductylus*.
- subtilis*, *Grabhamia* (see *Aedes caspius*).
- subtuberosa*, *Sarcophaga* (see *S. misera* var. *dux*).
- subulata*, *Myodopsylla*.
- subviride*, *Simulium*.
- sucinus*, *Ceratophyllus*.
- sudanensis*, *Aedes* (*Ochlerotatus*, *Reedomyia*).
- suffusus*, *Aedes* (*Finlaya*).
- sufis*, *Tabanus*.
- sugens*, *Aedes* (*Stegomyia*) (see *A. vittatus*).
- suis*, *Demodex folliculorum* (see *D. phylloides*); *Haematopinus*; *Sarcoptes scabiei*.
- sulcatus*, *Acilius*; *Phanaeus*.
- sulcifrons*, *Silvius*.
- sulcipes*, *Acanthaspis*.
- sumatrensis*, *Gyrostigma*.
- superbus*, *Megarhinus*.
- superpictus*, *Anopheles* (*Myzomyia*, *Pyretophorus*).
- surcoufi*, *Aedes*; *Kirkioestrus* (*Kirkia*).
- surinamensis*, *Culex*; *Monedula*; *Silvanus* (*Oryzaephilus*).
- susae*, *Culicoides*.
- sydneyensis*, *Culicoides*.
- sylvae*, *Aedes* (*Culicada*) (see *A. sticticus*).
- sylvium*, *Lucilia*.
- sylvatica*, *Limosina* (*Leptocera*).
- sylvaticus*, *Atrichopogon* (see *A. lucorum*).
- sylvieri*, *Pseudacanthocera* (*Silvius*).
- sylvestris*, *Aedes* (*Chaetocruiomyia*) (see *A. spinosipes*).
- sylvestris*, *Aedes* (*Ochlerotatus*, *Culex*) (see *A. vexans*).
- sylvestris*, *Anthocoris*; *Phlebotomus*; *Rachionotomyia* (*Rachisoura*) (see *R. filipes*); *Tabanus*.
- sylviarum*, *Liponyssus*.
- Symbiotes*, key distinguishing, from forage mites, IX. **10**.
- Symbiotes auricularum*, Lucas & Nicolet (see *Otodectes cynotis*).
- Symbiotes bovis equi* (see *Chorioptes*).
- symbiotes*, *Chorioptes* (see *C. bovis*).
- symbioticus*, *Macropocopriss*.
- Symphoromyia grisea*, Mg., attacking man in Italy, X. **119**.
- Symphoromyia pachyceras*, Will., biting habits of, in N. America, III. **113**.
- Synthesiomyia brasiliiana*, B. & Berg., in Australia, VIII. **74**, IX. **155**; eggs of *Dermatobia* laid on, in Brazil, VI. **130**; in Hawaii, VI. **164**; dispersion of, by flight in U.S.A., IX. **194**.
- Syntomosphyrum glossinae*, Waterst., described as new, III. **117**; in Nyasaland, IV. **65**, **113**, **118**; in Rhodesia, III. **142**; in Uganda,

III. 117, VIII. 100; parasite of *Glossina morsitans*, III. 117, 142, IV. 65, 113, 118, VIII. 100. *syriacum*, *Hyalomma*.
Syringophilus columbae, Hirst, described as new from pigeons in Texas, VIII. 166.
Syritta pipiens, L., breeding in manure in British Isles, VII. 191.
Systemus adpropinquans, Lw., *Helicosporeidium parasiticum* infecting, IX. 148.

T.

tabani, *Telenomus*.
tabaniformis, *Glossina*; *Silvius*; *Spaniopsis*.
tabanivorus, *Telenomus* (*Phanurus*).
Tabanus, notice of list of, in Florida, II. 78; notice of list of, in Philippines, II. 101; notice of key to Siamese species of, X. 105; and anthrax, VIII. 105; list of, transmitting flagellates, V. 11; and swamp fever of horses, VII. 165; relation of, to trypanosomiasis, I. 19, 76, 126, 172, 181, 202, 212, II. 42, 57, 76, 151, 176, III. 6, 170, 172, IV. 157, V. 4, 38, 104, 107, 166, 176, VI. 31, 99, VII. 109, 126, VIII. 15, 130, 180, IX. 15, 207, X. 63, 80, 171, 236; digestive processes of, VIII. 162; early stages of, III. 116, VI. 10, 20, 63, VII. 123, IX. 79, 122; breeding-places of, I. 98, II. 15, III. 195, VII. 123; anatomy of, X. 212; natural enemies of, III. 116, IV. 122, 171, V. 4, IX. 46, 79, X. 67; repellents for, II. 202, III. 37, 195, VI. 109, IX. 40; other measures against, I. 213, II. 202; notice of key to genera of, VI. 83; classification and new species of, I. 7, 222, II. 36, 51, 81, 104, III. 25, 26, 132, IV. 65, 182, V. 66, 67, 127, VI. 118, 238, VII. 12, VIII. 111, 119, 156, 173, IX. 62, 145, 158, 169, 191, X. 82, 105, 109, 110, 143, 171, 209, 224, 226.
Tabanus abstersus, Tayl. (see *T. doddi*).
Tabanus abstersus, Wlk., II. 51.
Tabanus accensus, Aust., described as new from Palestine, VIII. 111.

Tabanus acer, Brèthes, described as new from Argentina, X. 171.
Tabanus (*Therioptectes*) *adelaideae*, Ferg. & Hill, n.n. for *T. meridionalis*, Ferg. nec Thunb., in Australia, X. 224.
Tabanus aegrotus, O.S., in Canada, II. 197.
Tabanus affinis, Kirby, in Canada, II. 197, III. 155; notes on species allied to, IX. 191.
Tabanus africanus, Gray, in Portuguese E. Africa, III. 172; harbouring flagellates in Egypt, V. 11; in Rhodesia, I. 171; in Somaliland, III. 136; transmitting trypanosomiasis in Uganda, VII. 109.
Tabanus agnitionalis, Aust., described as new from Palestine, X. 208.
Tabanus agnoscibilis, Aust., described as new from Siam, X. 105.
Tabanus agrestis, Wied., in Egypt, VI. 239.
Tabanus albibasis, Brèthes, described as new from Argentina, X. 171.
Tabanus albimediis, Wlk., in Hong Kong, IV. 65; in India, I. 224, V. 38, VI. 63, IX. 79, X. 67, 143; and surra, V. 38; oviposition of, VI. 63; egg parasites of, IX. 79, X. 67; chemistry of saliva of, III. 42.
Tabanus albipalpus, Wlk., in Nigeria, IV. 66, 113; in Rhodesia, I. 171.
Tabanus albipectus, Big., in Aldabra, VIII. 175; in Zanzibar, III. 50.
Tabanus albipes, F. (see *T. ignotus*).
Tabanus albithorax, Ric., in New Guinea, III. 155.
Tabanus (*Therioptectes*) *albohirtipes*, Ferg., described as new from Australia, IX. 113.
Tabanus alboventralis, Newst., *T. sufis* recorded as, IX. 14.
Tabanus alene, Towns., in Jamaica, II. 20.
Tabanus alexandrinus, Wied., in Palestine, VIII. 111; in Tangier, I. 222.
Tabanus algerius, Macq., in Algeria and Tunis, II. 36.
Tabanus alternatus, Ferg. & Hill, n.n. for *T. limbatinervis* in Australia, X. 224.
Tabanus alternatus var. *magneticus*, Ferg. & Hill., described as new from Australia, X. 224.

- Tabanus ameghinoi*, Brèthes, described as new from Argentina, X. 171.
- Tabanus americanus*, Forst., bionomics of, in Florida, V. 179, VII. 4, 20, 62, VIII. 19.
- Tabanus angustifrons*, Towns., in Jamaica, II. 20.
- Tabanus annamaticus*, Surc., not experimentally transmitting surra in Annam, II. 42.
- Tabanus annularis*, Hine, described as new from U.S.A., V. 127.
- Tabanus antilope*, Brèthes, described as new from Argentina, X. 171.
- Tabanus aprepes*, Tayl., in Australia, IX. 133.
- Tabanus arenivagus*, Aust., described as new from Palestine, VIII. 111.
- Tabanus arisanus*, Shiraki, described as new from Formosa, VIII. 119.
- Tabanus arvensis*, Brèthes, described as new from Argentina, X. 171.
- Tabanus astutus*, O.S., in Canada, III. 155.
- Tabanus (Atylotus) ater*, Rossi, attacking man in Switzerland, X. 93; in Tangier, I. 222.
- Tabanus atratus*, F., in U.S.A., VI. 169, VII. 20, 63, 128, VIII. 19; transmitting anthrax, VII. 128; bionomics of, VIII. 19.
- Tabanus atratus* var. *fulvipilosus*, Johnson, described as new from U.S.A., VIII. 95.
- Tabanus atratus* var. *nantuckensis*, Hine, described as new, V. 127; in U.S.A., V. 127, VIII. 95.
- Tabanus atrimanus*, Lw., early stages of, in Nyasaland, III. 116; in Rhodesia, I. 171; in Transvaal, III. 121.
- Tabanus atrobasis*, McDunnough, described as new from Canada, IX. 191.
- Tabanus atrohirtus*, Ric., in Sumatra, VII. 164.
- Tabanus australicus*, Tayl., not experimentally transmitting onchocerciasis in Australia, VIII. 174.
- Tabanus australis*, Tayl., described as new from Australia, VI. 118.
- Tabanus autumnalis*, L., in Palestine, VIII. 111; in Tangier, I. 222.
- Tabanus barbarus*, Coqueb., in Tangier, I. 222.
- Tabanus barnesi*, Aust., described as new from Siam, X. 105.
- Tabanus basifasciatus*, de Meij., described as new from New Guinea, III. 155.
- Tabanus bassii*, Ferg., described as new from Australia, IX. 169.
- Tabanus batchelor*, Tayl., pupation of, in Queensland, X. 15.
- Tabanus beatificus*, Whitney, described as new from U.S.A., III. 25.
- Tabanus bellicosus*, Brèthes, described as new from Argentina, X. 171.
- Tabanus besti*, Surc., in Ashanti, III. 19; in Nigeria, IV. 66, VI. 225; in Sierra Leone, IV. 45.
- Tabanus bicallosus*, Ric. (see *T. macer*).
- Tabanus bicolor*, Wied., in Canada, III. 155.
- Tabanus biguttatus*, Wied., in Portuguese E. Africa, III. 172; in Belgian Congo, IV. 68, V. 35; in Gambia, III. 1; in Gold Coast, IV. 12; early stages of, in Nyasaland, III. 116; in Rhodesia, I. 171.
- Tabanus biguttatus* var. *croceus*, Surc., in Gold Coast, IV. 81, V. 45.
- Tabanus billingtoni*, Newst., in Nigeria, IV. 66, 113.
- Tabanus birdiei*, Whitney, described as new from U.S.A., III. 25.
- Tabanus borealis*, Mg., in Lapland, VIII. 74; trapped by oiling ponds in Russia, III. 196.
- Tabanus bovinus*, L., harbouring flagellates in Poland, V. 11; in Russia, III. 68, 196, IX. 115; in Switzerland, X. 93.
- Tabanus breinli*, Ferg. & Hill, described as new from Australia, X. 224.
- Tabanus brevisculus*, Wlk., in New Guinea, III. 155.
- Tabanus brevivitta*, Wlk., in Australia, IV. 8.
- Tabanus brisbanensis*, Tayl., described as new from Australia, VII. 12.
- Tabanus bromius*, L., harbouring flagellates in Germany, V. 11; in Russia, III. 195; attacking man in Switzerland, X. 93.
- Tabanus bruchi*, Brèthes, described as new from Argentina, X. 171.
- Tabanus bruesi*, Hine, described as new from Peru, VIII. 156.
- Tabanus brunnipennis*, Ric., in India, IX. 79.
- Tabanus caiennensis*, F., in Brazil, VI. 90; in British Guiana, II. 16, III. 157, V. 5; possibly

- carrying mal de caderas, III. 157; attacking man, V. 5.
- Tabanus caledonicus*, Ric., in Polynesia, II. 104.
- Tabanus californicus*, Marten, regarded as a distinct form of *T. epistates*, IX. 191.
- Tabanus canus*, Karsch, in Belgian Congo, V. 35.
- Tabanus captonis*, Marten (*comastes*, Will.), in Canada, II. 197, V. 170, VI. 179.
- Tabanus cepuricus*, Surc., described as new from Indo-China, X. 110.
- Tabanus ceylonicus*, Schiner, in New Guinea, III. 155.
- Tabanus cinerescens*, MacL., in Australia, II. 12, 52, IV. 8, 182, 183, VI. 27, 74; in Celebes and Macassar, III. 26; described as *T. tetralineatus*, sp.n., II. 12, 52.
- Tabanus cinereus*, Wied., in Brazil, VI. 90.
- Tabanus circumdatus*, Wlk., in Australia, IV. 182, VIII. 174, X. 15; not experimentally transmitting onchocerciasis, VIII. 174; pupation of, X. 15.
- Tabanus claritibialis*, Ric., in Rhodesia, I. 171.
- Tabanus coffeatus*, Macq., found in nest of *Bembex spinolae* in North America, V. 74.
- Tabanus cohaerens*, Wlk., in New Guinea, III. 155.
- Tabanus comastes*, Will. (see *T. captonis*).
- Tabanus combustus*, Big., in Nigeria, VI. 225.
- Tabanus confinis*, Zett., in Russia, IX. 115.
- Tabanus confirmatus*, Brèthes, described as new from Argentina, X. 171.
- Tabanus confusus*, Tayl. nec Wlk., described as new from Australia, VII. 12; *T. moretonensis* n.n. for, X. 224.
- Tabanus congoiensis*, Ric., in Kamerun, X. 113; in Principe, IV. 48, V. 11; in Sierra Leone, IV. 45, 150; flagellates found in, IV. 49, V. 11.
- Tabanus consocius*, Wlk., in India, X. 143.
- Tabanus conspicuus*, Ric., in Zanzibar, III. 50.
- Tabanus copemani*, Aust., in Rhodesia, I. 171.
- Tabanus coquilletti*, Shiraki, n.n. for *T. tenebrosus*, Coq. nec Wlk., VIII. 119; in Formosa, VIII. 119.
- Tabanus corax*, Lw., early stages of, in Nyasaland, III. 116.
- Tabanus cordieri*, Surc., believed to transmit trypanosomiasis in Eritrea, V. 176.
- Tabanus cordiger*, Mg., X. 224; in Djerba, I. 200.
- Tabanus corpulentus*, Brèthes, described as new from Argentina, X. 171.
- Tabanus costalis*, Wied., in U.S.A., VI. 167, VII. 63.
- Tabanus crassus*, Wlk., egg-parasites of, in India, IX. 79; in Hong Kong, III. 132, IV. 65.
- Tabanus curtus*, Hine, described as new from Venezuela, VIII. 156.
- Tabanus cymatophorus*, O.S., in U.S.A., III. 25.
- Tabanus cyprianus*, Ric. (see *T. pulchellus*).
- Tabanus daeckei*, Hine, described as new from U.S.A., V. 127.
- Tabanus dalei*, Aust., described as new from Palestine, VIII. 111.
- Tabanus darwinensis*, Tayl., described as new from Australia, VI. 118.
- Tabanus decorus*, Lw., in Palestine, VIII. 111.
- Tabanus denshami*, Aust., *Bembex* predacious on, in Nyasaland, IV. 65.
- Tabanus desertus*, Wlk., in British Guiana, II. 16, III. 157, V. 5; a possible carrier of mal de caderas, III. 157; early stages of, V. 5.
- Tabanus diemanensis*, Ferg., described as new from Australia, IX. 169.
- Tabanus distinctus*, Brèthes, described as new from Argentina, X. 171.
- Tabanus ditaeniatus*, Macq., VIII. 15; in E. Africa, III. 172; in S. Africa, III. 121; in Belgian Congo, V. 35; in Egypt, V. 11, VI. 239, VIII. 130; in Gambia, III. 1; in Gold Coast, IV. 81, V. 45, 47; in Hong Kong, III. 132, IV. 65; in India, X. 143; in the Sudan, III. 48; harbouring flagellates, V. 11; and trypanosomiasis of camels, VIII. 130; bionomics of, III. 48.
- Tabanus diversus*, Ric., I. 7; in Rhodesia, I. 171.
- Tabanus dixonii*, Ferg., described as new from Australia, IX. 169.

- Tabanus doddi*, Tayl., n.n. for *T. abstersus*, Tayl. nec Wlk., VI. 118; in Australia, VI. 118.
- Tabanus donaldsoni*, Carter, described as new from Ashanti, I. 7.
- Tabanus dubiosus*, Ric., in Australia, VII. 12, VIII. 174; not experimentally transmitting onchocerciasis, VIII. 174.
- Tabanus duplonotatus*, Ric., described as new, III. 26; in Australia, III. 26, VI. 74.
- Tabanus edentulus*, Macq., in New South Wales, VII. 12.
- Tabanus eggeri*, Schin., in Palestine, VIII. 111.
- Tabanus epistates*, O.S., in Canada, III. 155, VI. 179; *T. californicus* regarded as distinct from, IX. 191.
- Tabanus erynnis*, Brèthes, described as new from Argentina, X. 171.
- Tabanus euphanes*, Surc., described as new from Indo-China, X. 82.
- Tabanus excelsus*, Ric., in India, VIII. 31.
- Tabanus exulans*, Erichs., in Tasmania, V. 66; doubt as to identity of, V. 66.
- Tabanus fasciatus*, F., harbouring flagellates in Egypt, V. 11; in Nigeria, IV. 66, 113, V. 39, VI. 225; in Sierra Leone, IV. 45, 150.
- Tabanus festivus*, Hine, described as new from Panama Canal Zone, VIII. 156.
- Tabanus fijianus*, Ric., described as new from Fiji, II. 104.
- Tabanus flavothorax*, Ric., in Hong Kong, IV. 65.
- Tabanus flavus*, Ric., in U.S.A., VII. 20, 63.
- Tabanus flindersi*, Ferg., described as new from Australia, IX. 113.
- Tabanus fratellus*, Will. (see *T. patulus*).
- Tabanus fraterculus*, Macq., in Tasmania, V. 66; doubt as to identity of, V. 66.
- Tabanus fraternus*, Macq., in Portuguese E. Africa, III. 172; in Nyasaland, III. 116; in Rhodesia, I. 171; in Zanzibar, III. 48; early stages of, III. 116.
- Tabanus froggatti*, Ric., in New South Wales, VII. 12.
- Tabanus fulmineus*, Hine, described as new from Panama Canal Zone, VIII. 156.
- Tabanus fulvicapillus*, Carter, described as new from Belgian Congo, I. 7.
- Tabanus fulvicinctus*, Ric., described as new from Formosa, II. 81.
- Tabanus fulvicornis*, Mg., in Russia, IX. 115.
- Tabanus fulvimedioides*, Shiraki, described as new from Formosa, VIII. 119.
- Tabanus fumomarginatus*, Hine, described as new from Brazil, IX. 158.
- Tabanus furvus*, Hine, described as new from Bolivia, VIII. 156.
- Tabanus fuscipes*, Ric., in Portuguese E. Africa, III. 172; in Nyasaland, IV. 171; in Rhodesia, I. 171, III. 7, V. 166; possibly transmitting trypanosomiasis, V. 166; natural enemies of, IV. 171.
- Tabanus fuscipes*, Ric., var. *oculipilus*, Carter, described as new from Transvaal, III. 121.
- Tabanus fuscipes*, Tayl., described as new from Australia, II. 12; *T. taylori* n.n. for, II. 51.
- Tabanus fuscofasciatus*, Macq., in Brazil, VI. 90.
- Tabanus geraldii*, Tayl., described as new from Australia, X. 209.
- Tabanus gigas*, Hbst., in Palestine, VIII. 111.
- Tabanus glaber*, Big., possibly transmitting trypanosomiasis to camels in Mesopotamia, VIII. 15, IX. 14.
- Tabanus glaucopsis*, Mg., harbouring flagellates in France, V. 11; transmitting *Trypanosoma theileri* in Germany, IX. 207.
- Tabanus gratus*, Lw., in Portuguese E. Africa, III. 172; harbouring flagellates in Egypt, V. 11; believed to transmit trypanosomiasis in Eritrea, V. 176; in Gold Coast, V. 45; early stages of, in Nyasaland, III. 116.
- Tabanus gregarius*, Erichs., new Australian species incorrectly identified as, II. 51; in Australia, IV. 8; in Tasmania, V. 66; doubt as to identity of, V. 66.
- Tabanus gregarius*, Tayl. (see *T. strangmanni*).
- Tabanus griseicolor*, Ferg. & Hill., described as new from Australia, X. 224.
- Tabanus griseoannulatus*, Tayl., described as new from Australia, VI. 118.
- Tabanus griseohirtus*, Tayl., described as new from Australia, VI. 118.
- Tabanus habilis*, Brèthes, described as new from Argentina, X. 171.

- Tabanus hackeri*, Tayl., described as new from New South Wales, VI. 12.
- Tabanus haemaphorus*, Marten, regarded as distinct from *T. sonomensis*, IX. 191.
- Tabanus heroni*, Ferg., described as new from Australia, IX. 113.
- Tabanus hilaris*, Wlk., in Hong Kong, III. 132, IV. 65; in India, V. 11, 38, VI. 63, IX. 79; harbouring flagellates, V. 11; bionomics of, V. 38, VI. 63.
- Tabanus hirtulus*, Big., in Canada, II. 197, VI. 179.
- Tabanus hobartiensis*, White, described as new from Tasmania, V. 66.
- Tabanus honkongiensis*, Ric., described as new from Hong Kong, IV. 55.
- Tabanus hybridus*, Wied., in Hong Kong, III. 132, IV. 65.
- Tabanus hypomacros*, Surc., described as new from Indo-China, X. 92.
- Tabanus ictericus*, Surc., described as new from Indo-China, X. 82.
- Tabanus ignotus*, Rossi, bionomics of, in Italy, II. 167.
- Tabanus illotus*, O.S., in Canada, VI. 179.
- Tabanus imponens*, Wlk., in British Guiana, V. 5.
- Tabanus importunus*, Wied., in Brazil, III. 81, VI. 90.
- Tabanus impressus*, Wied., in British Guiana, II. 16, III. 157, V. 5; possibly carrying mal de caderas, III. 157; attacking man, V. 5.
- Tabanus indefinitus*, Tayl., described as new from Australia, VI. 238.
- Tabanus indianus*, Ric., in Hong Kong, III. 132, IV. 65.
- Tabanus innotatus*, Ferg. & Henry, described as new from New South Wales, VIII. 173.
- Tabanus insecutor*, Aust., described as new from Palestine, VIII. 111.
- Tabanus insidiator*, Aust., described as new from Siam, X. 105.
- Tabanus insignis*, Lw., early stages of, in Nyasaland, III. 116; in Transvaal, III. 121.
- Tabanus insuetus*, O.S., in Canada, II. 197.
- Tabanus insurgens*, Wlk., in New Guinea, III. 155.
- Tabanus iyoensis*, Shiraki, described as new from Formosa, VIII. 119.
- Tabanus jucundus*, Wlk., in Hong Kong, III. 132, IV. 65.
- Tabanus (Ochrops) kerteszi*, Szil., in Palestine, X. 208.
- Tabanus kewensis*, Ferg. & Henry, described as new from New South Wales, VIII. 173.
- Tabanus kingsleyi*, Ric., in Ashanti, III. 19; in Nigeria, V. 39, VI. 225; in Sierra Leone, IV. 45.
- Tabanus kotoshoensis*, Shiraki, described as new from Formosa, VIII. 119.
- Tabanus lapponicus*, Wahlberg, in Lapland, VIII. 74.
- Tabanus lasiophthalmus*, Macq., in Canada, III. 155; found in nest of *Bembex spinolae*, V. 74.
- Tabanus laticcallosus*, Ric., described as new, III. 28; in Australia, III. 28, VII. 12.
- Tabanus latifrons*, Ferg., described as new from Australia, IX. 169; a synonym of *T. neolatifrons*, q.v.
- Tabanus latifrons*, Zett. (see *T. cordiger*).
- Tabanus latus*, in Kamerun, X. 113.
- Tabanus lautus*, Hine, described as new from Peru, VIII. 156.
- Tabanus laverani*, Surc., in Gambia, III. 1; early stages of, in Nyasaland, III. 116; in Sierra Leone, IV. 45.
- Tabanus leleani*, Aust., described as new from Palestine, VIII. 111.
- Tabanus leucaspis*, Wied., attacking man in British Guiana, V. 5.
- Tabanus leucostomus*, Lw., believed to transmit trypanosomiasis in Eritrea, V. 176; in Zanzibar, III. 50.
- Tabanus lifuensis*, Big., in Polynesia, II. 104.
- Tabanus limbatinervis*, Macq., *T. alternatus* n.n. for, X. 224.
- Tabanus lineatus*, Tayl., described as new, II. 12; in Australia, II. 12, IV. 48; a pre-occupied name, II. 51.
- Tabanus lineola*, F., in Canada, III. 195, VI. 183; in U.S.A., V. 179, VI. 169, VII. 20, 62, VIII. 19; bionomics of, VII. 62, VIII. 19.
- Tabanus liventipes*, Surc., in Rhodesia, I. 171.
- Tabanus lucidulus*, Wlk., in Jamaica, II. 20.
- Tabanus lugubris*, Macq., in U.S.A., VII. 63, VIII. 19; bionomics of, VIII. 19.
- Tabanus lunatus*, F., in Palestine, VIII. 111.

- Tabanus luridus*, Fall., in Lapland, VIII. 74; in Russia, III. 195, IX. 115.
- Tabanus macer*, Big. (*bicallosus*, Ric.), in India, III. 19, VI. 63, IX. 79, X. 67, 143; oviposition of, VI. 63, X. 67; egg-parasites of, IX. 79; described as *T. trichinopolis*, sp.n., III. 19.
- Tabanus macfarlanei*, Ric., described as new from Hong Kong, IV. 65.
- Tabanus macroceratus*, Big. (see *Pseudacanthocera sylverii*).
- Tabanus maculatifissimus*, Macq., in Portuguese E. Africa, III. 172; early stages of, in Nyasaland, III. 116; in Rhodesia, I. 171.
- Tabanus maculicornis*, Zett., in Russia, III. 195, IX. 40.
- Tabanus mandarinus*, Schin., in Hong Kong, IV. 66.
- Tabanus marmorosus*, Surc., in Ashanti, III. 19; in Sierra Leone, IV. 45.
- Tabanus mastersi*, Tayl., n.n. for *T. gregarius*, Tayl. nec Erichs., in Australia, VI. 118; a synonym of *T. strangmanni*, q.v.
- Tabanus medionotatus*, Aust., early stages of, in Nyasaland, III. 116.
- Tabanus melanocerus*, Wied., in U.S.A., VII. 20, 63.
- Tabanus melanogaster*, Brèthes, described as new from Argentina, X. 171.
- Tabanus melanopterus*, Brèthes, described as new from Argentina, X. 171.
- Tabanus mendicus*, Villen., in Palestine, VIII. 111.
- Tabanus (Theriopectes) meridionalis*, Ferg. nec Thunb., described as new from Australia, IX. 113; *T. adelaidae* n.n. for, X. 224.
- Tabanus (Chlorotabanus) mexicanus*, L., in Brazil, III. 81, VI. 90; in U.S.A., V. 179; breeding-places of, VI. 91; crepuscular habits of, III. 81.
- Tabanus miles*, Wied., in Brazil, IV. 36.
- Tabanus milleri*, Whitney, described as new from U.S.A., III. 25.
- Tabanus milsoni*, Tayl., described as new from Australia, VI. 118; *T. milsoniensis* n.n. for, X. 224.
- Tabanus milsoniensis*, Ferg. & Hill, n.n. for *T. milsoni*, X. 224.
- Tabanus milsonis*, Ric., X. 224.
- Tabanus minor*, Tayl. nec Macq. (see *T. palmerstoni*).
- Tabanus minusculus*, Ferg. & Hill nec Hine, n.n. for *T. minor*, Tayl. nec Macq., IX. 62; *T. palmerstoni* n.n. for, X. 224.
- Tabanus modicus*, Hine, described as new from Br. Guiana, VIII. 156.
- Tabanus molestans*, Becker, described as new from Tangier, I. 222.
- Tabanus montanus*, Mg., in Russia, III. 195, IX. 115.
- Tabanus mordax*, Hine, described as new from Paraguay, VIII. 156.
- Tabanus moretonensis*, Ferg. & Hill, n.n. for *T. confusus*, Tayl. nec Wlk., X. 224; in Australia, VII. 12, X. 224.
- Tabanus mucronatus*, Lutz & Neiva, in Brazil, VI. 90.
- Tabanus murreus*, Hine, described as new from Br. Guiana, VIII. 156.
- Tabanus musgravi*, Tayl., described as new from Australia, VI. 233.
- Tabanus nagamiensis*, Cart., described as new from S. Africa, I. 7; early stages of, in Nyasaland, III. 116.
- Tabanus nantuckensis*, Hine (see *T. atratus* var. *nantuckensis*).
- Tabanus negativus*, Ric., in Hong Kong, III. 132.
- Tabanus nemocallosus*, Ric., in India, V. 38, VI. 63, IX. 79, X. 143; bionomics of, V. 38, VI. 63.
- Tabanus nemopunctatus*, Ric., described as new, III. 26; in Australia, III. 26, VI. 74, X. 224; *T. pseudopalpalis* previously recorded as, X. 224.
- Tabanus nemoralis*, Mg., in Palestine, VIII. 111.
- Tabanus nemoralis* var. *ruficornis*, Surc., described as new from Algeria and Syria, IX. 37.
- Tabanus nemotuberculatus*, Ric., described as new from Australia, III. 26.
- Tabanus neolatifrons*, Ferg. & Hill, n.n. for *T. latifrons*, Ferg. nec Zett., in Australia, X. 224.
- Tabanus neopalpalis*, Ferg. & Hill, n.n. for *T. palpalis*, Tayl. nec Ric., in Australia, IX. 62.
- Tabanus nigri-facies*, Gob., in Russia, IX. 40.
- Tabanus nigritarsis*, Tayl., described as new, II. 12; in Australia, II. 12, IV. 8, 182, 183, VI. 27, 74, 118, IX. 133; probably not a carrier of *Onchocerca gibsoni*, VI. 27.

- Tabanus nigrostriatus*, Ric., in Rhodesia, I. 171.
- Tabanus nigrovittatus*, Macq., in Canada, III. 155; species allied to, experimentally conveying anthrax, VI. 181.
- Tabanus nivosus*, O.S., in Canada, II. 197.
- Tabanus nudus*, McDunnough, described as new from Canada, IX. 191.
- Tabanus obliquemaculatus*, Macq. (see *T. leucostomus*).
- Tabanus obliquus*, Wlk., in Jamaica, II. 20.
- Tabanus obscurehirtus*, Ric., in Nigeria, IV. 66.
- Tabanus obscuripes*, Ric., early stages of, in Nyasaland, III. 116.
- Tabanus obscurissimus*, Ric., in Sierra Leone, IV. 150.
- Tabanus ochreoflavus*, Ferg. & Henry, described as new from Australia, VIII. 173.
- Tabanus ochroleucus*, Mg., attacking man in British Guiana, V. 5.
- Tabanus ochrophilus* (see *Neotabanus*).
- Tabanus oculatus*, Ric., in Australia, IV. 182.
- Tabanus oculus*, Wlk., attacking man in British Guiana, V. 5.
- Tabanus okinawanus*, Shiraki, described as new from Formosa, VIII. 119.
- Tabanus oknos*, Surc., described as new from Indo-China, X. 82.
- Tabanus optatus*, Wlk., in Sumatra, VII. 164.
- Tabanus orientis*, Wlk., in India, VIII. 31.
- Tabanus orion*, O.S., in Canada, III. 155.
- Tabanus ornatissimus*, Brèthes, described as new from Argentina, X. 171.
- Tabanus pallidepectoratus*, Big., var. *aureus*, Surc., described as new from Indo-China, X. 110.
- Tabanus pallidifacies*, Surc., believed to transmit trypanosomiasis in Eritrea, V. 176.
- Tabanus pallidipes*, Aust., described as new from Palestine, VIII. 111.
- Tabanus pallipennis*, Macq., pupation of, in Queensland, X. 15.
- Tabanus palmensis*, Ferg. & Hill, described as new from Australia, X. 224.
- Tabanus palmerstoni*, Ferg. & Hill, n.n. for *T. minusculus*, Ferg. & Hill nec Hine, in Australia, X. 224.
- Tabanus palpalis*, Brèthes, described as new from Argentina, X. 171.
- Tabanus palpalis*, Tayl. nec Ric. (see *T. neopalpalis*).
- Tabanus par*, Wlk., in Belgian Congo, V. 35; in Gambia, III. 1; harbouring flagellates in Egypt, V. 11; in Nigeria, V. 39; in Rhodesia, I. 171; in Sierra Leone, IV. 45.
- Tabanus parallelus*, Wlk., in Jamaica, II. 20.
- Tabanus parvicallus*, Ric., described as new, III. 26; in Australia, III. 26, VII. 12.
- Tabanus parvus*, Tayl., described as new from Australia, II. 12.
- Tabanus patulus*, Wlk., bionomics of, in Canada, II. 197.
- Tabanus persis*, Ric., in Mesopotamia, IX. 14.
- Tabanus pertinens*, Aust., early stages of, in Nyasaland, III. 116.
- Tabanus petiolatus*, Hine, described as new from U.S.A., V. 127.
- Tabanus phaenops*, O.S., in Canada, VI. 179; in U.S.A., VII. 142, IX. 38; bionomics and control of, IX. 38.
- Tabanus picticeps*, Becker, described as new from Sudan, X. 110; considered a synonym of *T. taeniola*, X. 110 (note).
- Tabanus platensis*, Brèthes, described as new from Argentina, X. 171.
- Tabanus pluto*, Wlk., in Belgian Congo, V. 35, VI. 161; in Sierra Leone, IV. 45; a probable carrier of horse sickness, VI. 161.
- Tabanus polygonus*, Wlk., in Mesopotamia, IX. 14.
- Tabanus praematurus*, Aust., described as new from Siam, X. 105.
- Tabanus princeps*, Brèthes, described as new from Argentina, X. 171.
- Tabanus producticornis*, Aust., in Zanzibar, III. 50.
- Tabanus pseudoardens*, Tayl., described as new, II. 12; in Australia, II. 12, IV. 182.
- Tabanus pseudobasalis*, Tayl., described as new from Australia, VI. 238.
- Tabanus pseudocallosus*, Ferg. & Hill, described as new from Australia, X. 224.

- Tabanus pseudocinereus*, Neiva & Penna, in Brazil, VI. 90.
- Tabanus pseudopallidepectoratus*, Surc., described as new from Indo-China, X. 110.
- Tabanus pseudopalpalis*, Ferg. & Hill, described as new from Australia, X. 224; previously recorded as *T. nemopunctatus*, X. 224.
- Tabanus pugiunculus*, Aust., described as new from Siam, X. 105.
- Tabanus pugnax*, Aust., described as new from Siam, X. 105.
- Tabanus pulchellus*, Lw., in Tangier, I. 222; in Mesopotamia, VIII. 15, IX. 14; probably conveying trypanosomiasis to camels, VIII. 15; bionomics of, IX. 14.
- Tabanus pullulus*, Aust., in Rhodesia, I. 171.
- Tabanus pulverifer*, Wlk., in Mesopotamia, IX. 14.
- Tabanus pumilus*, Macq., in U.S.A., VII. 20; found in nest of *Bembex spinolae*, V. 74.
- Tabanus punctifer*, O.S., in U.S.A., VI. 169, IX. 38.
- Tabanus punctipleura*, Hine, described as new from Costa Rica, IX. 158.
- Tabanus punensis*, Hine, described as new from Peru, VIII. 156.
- Tabanus pygmaeus*, Ferg. & Henry nec Will., described as new from Australia, VIII. 173; *T. rivularis* n.n. for, X. 224.
- Tabanus quadrisignatus*, Ric., in Nigeria, VI. 225.
- Tabanus queenslandi*, Ric., described as new from Australia, III. 26.
- Tabanus quinquecinctus*, Ric., described as new from Formosa, II. 81.
- Tabanus quinquevittatus*, Wied., in U.S.A., VII. 20.
- Tabanus rainbowi*, Tayl., described as new from Australia, VI. 238.
- Tabanus recedens*, Wlk., in Canada, III. 155.
- Tabanus reducens*, Wlk., in Celebes and Macassar, III. 26.
- Tabanus regiusgeorgii*, Macq., in Australia, IV. 182.
- Tabanus regularis*, Jaenn., in Palestine, VIII. 111.
- Tabanus reinwardtii*, Wied., in Canada, III. 155.
- Tabanus rhombicus*, O.S., in Canada, VI. 179.
- Tabanus rivularis*, Ferg. & Hill, n.n. for *T. pygmaeus*, Ferg. & Hill nec Will., in Australia, X. 224.
- Tabanus rubicundulus*, Aust., described as new from Siam, X. 105.
- Tabanus rubidus*, Wied., in Hong Kong, IV. 65; in Philippines, VII. 194.
- Tabanus rubricallosus*, Ric., described as new from New Caledonia, II. 104.
- Tabanus rubrithorax*, Macq., in Brazil, VI. 90.
- Tabanus ruficrus*, P. de B., in Belgian Congo, IV. 68; in Nigeria, VI. 225; in Sierra Leone, IV. 45.
- Tabanus rufinotatus*, Big., in Australia, III. 26, IV. 183, VI. 27, 74, IX. 133.
- Tabanus rufiventris*, Macq., in Jamaica, II. 20.
- Tabanus rufoabdominalis*, Tayl., described as new from Australia, VII. 12.
- Tabanus rufus*, P. de B., in U.S.A., VII. 63.
- Tabanus rupestris*, McDunnough, described as new from U.S.A., IX. 191.
- Tabanus rupinae*, Aust., described as new from Palestine, VIII. 111.
- Tabanus sagittarius*, Macq. (see *T. taeniola variatus*).
- Tabanus salvazai*, Surc., described as new from Indo-China, X. 82.
- Tabanus sanguinarius*, Big., in Australia, IV. 182.
- Tabanus sanguineus*, Wlk., in Hong Kong, III. 132, IV. 65; in India, V. 38, IX. 79; bionomics of, V. 38; egg-parasites of, IX. 79.
- Tabanus sapporoensis*, Shiraki, described as new from Formosa, VIII. 119.
- Tabanus sapporoenus*, Shiraki, described as new from Formosa, VIII. 119.
- Tabanus secedens*, Wlk., in E. Africa, V. 11; in Belgian Congo, IV. 68; in Nigeria, IV. 66, 113, V. 39, VI. 225; flagellates in, V. 11, 40.
- Tabanus seclusus*, Brèthes, described as new from Argentina, X. 171.
- Tabanus semisordidus*, Wlk., in British Guiana, II. 16, III. 157, V. 4, VI. 18; a possible carrier of mal de caderas, III. 157; *Monedula denticornis* predacious on, VI. 18.
- Tabanus senior*, Wlk., in British Guiana, V. 4.
- Tabanus septentrionalis*, Lw., in Canada, III. 155, VI. 179; trans-

- mitting swamp fever to horses in U.S.A., VIII. 92, X. 41.
- Tabanus sequax*, Will., in Canada, II. 197, V. 170.
- Tabanus sericeiventris*, Lw., in Somaliland, III. 136; in Transvaal, III. 121.
- Tabanus signativentris*, Brèthes, described as new from Argentina, X. 171.
- Tabanus similis*, Macq., in Tasmania, III. 23.
- Tabanus simpsoni*, Aust., in Gold Coast, V. 45.
- Tabanus socialis*, Wlk., in Nigeria, IV. 66, 113, V. 39, VI. 225; in Sierra Leone, IV. 45.
- Tabanus socius*, Wlk., in Belgian Congo, IV. 68; harbouring flagellates in Egypt, V. 11.
- Tabanus (Therioplectes) solstitialis*, Schin., in Russia, III. 68, 196, IX. 115; attacking man in Switzerland, X. 93.
- Tabanus sonomensis*, O.S., in Canada, II. 197; *T. haemaphorus* regarded as distinct from, IX. 191.
- Tabanus soubirovi*, Surc., described as new from Indo-China, X. 110.
- Tabanus spadix*, Tayl., described as new from Australia, VI. 118.
- Tabanus speciosus*, Ric., oviposition habits of, in India, VI. 63.
- Tabanus sticticollis*, Surc., in Gambia, III. 1; in Sierra Leone, IV. 45.
- Tabanus strangmanni*, Ric. (*mastersi*, Tayl.), described as new, III. 26; in Australia, III. 26, IV. 183, VI. 27, 118, VIII. 174, X. 109; probably not transmitting onchocerciasis, VI. 27, VIII. 174; synonymy of X. 109.
- Tabanus striatus*, F., in Ceylon, VI. 42; in India, VI. 63, X. 143; in Philippines, I. 200, 212, V. 38, 60, VI. 99, 169, VII. 194; experimentally transmitting anthrax, II. 73; and surra, I. 202, 212, V. 38, VI. 99; bionomics of, I. 200-202, VI. 63.
- Tabanus stygius*, Say, in U.S.A., VI. 169.
- Tabanus subangustus*, Ric., in Dahomey, II. 172; in Sierra Leone, IV. 45.
- Tabanus subantarcticus*, Brèthes, described as new from Argentina, X. 171.
- Tabanus (Therioplectes) subcallosus*, Ric., in India, VIII. 31.
- Tabanus (Therioplectes) subfasciatus*, Becker, described as new from Anglo-Egyptian Sudan, X. 110.
- Tabanus suffis*, Jaenn., in Egypt, VI. 239; believed to transmit trypanosomiasis in Eritrea, V. 176; breeding-places of, in Mesopotamia, IX. 14.
- Tabanus sylvestris*, Brèthes, described as new from Argentina, X. 171.
- Tabanus tacitus*, Hine, described as new from Uruguay, VIII. 156.
- Tabanus taeniola*, P. de B., in French Equatorial Africa, X. 147; in Portuguese E. Africa, III. 172; in Belgian Congo, V. 35; in Egypt, VI. 239, VIII. 130; in Gold Coast, IV. 12, V. 45; in Nigeria, IV. 113, V. 39, VI. 225; in Nyasaland, III. 116, IV. 171; in Principe, IV. 49, V. 11; in Rhodesia, I. 171, V. 166; in Sierra Leone, IV. 45; in Sudan, III. 48; in Anglo-Egyptian Sudan, X. 110; in Transvaal, III. 121; in Zanzibar, III. 48; and trypanosomiasis, III. 48, V. 11, 166, VIII. 130; bionomics of, III. 48, 116, IV. 171; early stages of, III. 116.
- Tabanus taeniola* var. *variatus*, Wlk. (*sagittarius*, Macq.), in Gambia, III. 1; in Gold Coast, IV. 45; in Nigeria, VI. 225; *Bembex* predacious on, in Nyasaland, IV. 171; in Rhodesia, I. 171.
- Tabanus takasagoensis*, Shiraki, described as new from Formosa, VIII. 119.
- Tabanus tantalus*, Hine, described as new from Br. Guiana, VIII. 158.
- Tabanus tarandinus*, L., in N. Russia, III. 195, VIII. 74, IX. 40, 115.
- Tabanus tasmanicus*, Ferg., described as new from Australia, IX. 169.
- Tabanus tasmaniensis*, White, described as new from Tasmania, V. 66.
- Tabanus taylori*, Aust., n.n. for *T. fuscipes*, II. 51; in Australia, IV. 182.
- Tabanus tenebrosus*, Coq. nec Wlk., *T. coquilletti* n.n. for, VIII. 119.
- Tabanus tergestinus*, Egg., harbouring flagellates in France, V. 11.
- Tabanus testaceomaculatus*, Macq., harbouring flagellates in Chile, V. 11.
- Tabanus tetralineatus*, Tayl., described as new from Australia,

- II. 12; a synonym of *T. cinerescens* (q.v.), II. 52.
- Tabanus thoracinus*, P. de B., harbouring flagellates in E. Africa, V. 11; in French Equatorial Africa, X. 147; in Nigeria, V. 39, VI. 225.
- Tabanus tomentosus*, Macq., in Tangier, I. 222.
- Tabanus tonglai*, Surc., described as new from Indo-China, X. 110.
- Tabanus torresi*, Ferg. & Hill, described as new from Australia, X. 224.
- Tabanus transversus*, Wlk., in Celebes and Macassar, III. 26.
- Tabanus trepidus*, McDunnough, described as new from Canada, IX. 191.
- Tabanus trichinopolis*, Ric., described as new from India, III. 19; a synonym of *T. macer*, q.v.
- Tabanus trifascia*, Wlk., in British Guiana, V. 4.
- Tabanus trigonostichus*, Lutz, in Brazil, VI. 90.
- Tabanus trigonus*, Coq., *T. fulvicapillus* allied to, I. 7.
- Tabanus trifunctus*, Wlk., in Canada, VI. 183; in U.S.A., V. 179, VII. 20, 62, VIII. 19; bionomics of, VII. 62, VIII. 19.
- Tabanus trilinealis*, Ferg. & Henry, described as new from Australia, VIII. 173.
- Tabanus* (*Neotabanus*) *trilineatus*, Latr., species allied to, in Brazil, III. 81; in British Guiana, II. 16, III. 157, V. 4, VI. 18; in Jamaica, II. 20, V. 131; possibly carrying mal de caderas, III. 157; *Monedula denticornis* predacious on, VI. 18.
- Tabanus triquetronatus*, Carter, described as new from Nigeria, III. 121.
- Tabanus trispilus*, Wied., in Canada, III. 155; in U.S.A., VIII. 95.
- Tabanus trivittatus*, F., description of, VIII. 156.
- Tabanus tropicus*, Panz., in Russia, III. 195, IX. 115.
- Tabanus trypherus*, Tayl., described as new from Australia, VI. 118.
- Tabanus tunisiensis*, Surc., described as new from Tunis, II. 36.
- Tabanus turbidus*, Wied., in U.S.A., VII. 20, 63.
- Tabanus umbratus*, Hine, described as new from Costa Rica, VIII. 156.
- Tabanus uniformis*, Hine, described as new from U.S.A., V. 127.
- Tabanus ustus*, Wlk., early stages of, in Nyasaland, III. 116.
- Tabanus validus*, Hine, described as new from Costa Rica, VIII. 156.
- Tabanus vallerii*, Macq., in Brazil, VI. 90.
- Tabanus variabilis*, Lw., early stages of, in Nyasaland, III. 116.
- Tabanus vespiformis*, Ferg. & Henry, described as new from Australia, VIII. 173.
- Tabanus velustus*, Wlk., in Australia, IV. 132.
- Tabanus virgatus*, Aust., harbouring flagellates in Egypt, V. 11.
- Tabanus virgo*, Wied., in India, V. 39, IX. 79, X. 143; egg-parasites of, IX. 79.
- Tabanus virgulatus*, Aust., described as new from Siam, X. 105.
- Tabanus wentworthi*, Ferg. & Hill, described as new from Australia, X. 224.
- Tabanus wynyardensis*, Hardy, described as new from Tasmania, V. 67.
- Tabanus zonalis*, Kirby, in Canada, III. 155.
- Tachina*, breeding in manure in British Isles, VII. 191.
- Tachina larvarum*, L., in Russia, I. 151.
- tachinoides*, *Glossina*.
- tacitus*, *Tabanus*.
- taeniata*, *Stomoxys*.
- taeniola*, *Tabanus*.
- Taeniorhynchus* (*Mansonia*, *Mansonioides*), in French Equatorial Africa, I. 45, VIII. 18; in W. Africa, I. 52, II. 5; in Congo, I. 145, II. 170, III. 137; in India, I. 144, II. 193, IV. 91; in Samoa, II. 51; in U.S.A., II. 78, VIII. 187; possibly carrying sleeping sickness, III. 138; bionomics of larva of, VI. 182; breeding-places of, I. 52; *Aedes iridipennis* possibly referable to, X. 184; treated as a subgenus of *Aedes*, IX. 9; *Culicella* suggested to replace, IX. 72; classification of, III. 115, VI. 142, X. 229.
- Taeniorhynchus acer*, Theo. (see *T. brevicellulus*).
- Taeniorhynchus* (*Mansonioides*) *afrikanus*, Theo., in W. Africa, III. 1, IV. 66, V. 3, 40, 47, VI. 33, 225, IX. 42, X. 167; in Belgian Congo, III. 121; in Natal, IV. 120; in Philippines, II. 133; spirochaetes

- in, V. 40; transmitting *Filaria*, II. 133, X. 180; bionomics of, IX. 42; breeding-places of, VI. 38; experiments with kerosene against larva of, V. 55-57; oiling ineffective against, VIII. 176.
- Taeniorhynchus* (*Coquillettidia*, *Mansonia*) *albicosta*, Chagas, VI. 142; bionomics of, in Brazil, X. 216.
- Taeniorhynchus* (*Mansonia*) *amazonensis*, Theo., VI. 142; in French Guinea, VI. 160.
- Taeniorhynchus* (*Mansonioides*) *annetti*, Theo., II. 45; in Nigeria, IV. 66; in Sierra Leone, IV. 150.
- Taeniorhynchus* (*Mansonioides*) *annuliferus*, Theo., in Cochinchina, II. 155; in India, I. 79, IX. 124; in Philippines, VII. 193; in Sumatra, IV. 23.
- Taeniorhynchus* (*Mansonioides*) *annulipes*, Wlk., in Sumatra, IV. 23.
- Taeniorhynchus* (*Coquillettidia*) *arribalzagae*, Theo., VI. 142; egg masses of, IV. 160.
- Taeniorhynchus* *aureus*, Edw., described as new, III. 115; in Natal, III. 115, IV. 120.
- Taeniorhynchus* *auripennis*, Edw., described as new from Uganda, III. 115.
- Taeniorhynchus* *aurites*, Theo., in Australia, IV. 11, VI. 173; in Nigeria, IV. 66; in Nyasaland, X. 62.
- Taeniorhynchus* (*Chrysoconops*) *brevicellulus*, Theo. (*acer*, Theo., *pygmaeus*, Theo.), in Australia, IV. 8, 11, 60, V. 68, VI. 74, VII. 46, IX. 75; in Fiji, IV. 41, X. 77; in India, VI. 196; in New Zealand, I. 11, IX. 75; in Papua, III. 154; in Sumatra, IV. 23; probably not a carrier of *Onchocerca gibsoni*, VI. 27.
- Taeniorhynchus* (*Mansonia*) *chrysonotum*, Peryassu, described as new from Brazil, X. 216; bionomics of, X. 216.
- Taeniorhynchus* *chrysosoma*, Edw., described as new from Nyasaland, III. 115.
- Taeniorhynchus* *chubbi*, Edw., described as new, III. 115; in Natal, III. 115, IV. 120.
- Taeniorhynchus* *confinis*, Theo., in Trinidad, V. 60.
- Taeniorhynchus* *conopas*, Frauenfeld, in Sumatra, IV. 23; *T. giblini* erroneously recorded as, X. 230.
- Taeniorhynchus* *conopas* var. *giblini* (see *T. giblini*).
- Taeniorhynchus* (*Coquillettidia*) *cotricula*, D. & K., VI. 142.
- Taeniorhynchus* (*Chrysoconops*) *cris-tatus*, Theo., in Belgian Congo, III. 121; described as *T. nocturnus*, sp. n., from the Sudan, II. 45.
- Taeniorhynchus* (*Coquillettidia*, *Mansonia*) *diaeretus*, Dyar, described as new from Philippines, IX. 51.
- Taeniorhynchus* *domesticus*, Leic. (see *Culex aurantipex*).
- Taeniorhynchus* (*Coquillettidia*, *Mansonia*) *fasciolatus*, Lynch, VI. 142; in Brazil, VI. 91, X. 216; in British Guiana, VI. 160; in Panama Canal Zone, VII. 127, IX. 108; in Trinidad, V. 60; bionomics of, X. 216; egg-masses of, IV. 160.
- Taeniorhynchus* (*Culex*) *flavus*, Vent., in Madagascar, IX. 68.
- Taeniorhynchus* (*Chrysoconops*) *fuscopennatus*, Theo., distribution of, in Africa, IV. 120; in Transvaal, I. 140.
- Taeniorhynchus* (*Pseudotaeniorhynchus*) *giblini*, Tayl., in Papua, III. 154; synonymy of, X. 230.
- Taeniorhynchus* (*Mansonia*) *humeralis*, D. & K., VI. 142; described as new, IV. 160; eggs of, attached to leaves of *Pistia*, IV. 160.
- Taeniorhynchus* (*Coquillettidia*) *hypocindyna*, Dyar, described as new from Brazil, VI. 142.
- Taeniorhynchus* *iracundus*, Wlk., in New Zealand, IX. 75.
- Taeniorhynchus* (*Coquillettidia*) *juxtamansoni*, Chagas, VI. 142; in Brazil, VI. 91.
- Taeniorhynchus* (*Coquillettidia*, *Culex*, *Culicella*) *linealis*, Skuse, II. 149; in Australia, III. 207.
- Taeniorhynchus* *maculipennis*, Theo., not a synonym of *T. annetti*, II. 45.
- Taeniorhynchus* *metallicus*, Theo., in Natal, IV. 120; in Nigeria, IV. 66; *T. violaceus* a synonym of, II. 45.
- Taeniorhynchus* (*Coquillettidia*, *Mansonia*) *nigricans*, Coq., VI. 142; in Panama Canal Zone, VII. 127, IX. 108.
- Taeniorhynchus* *nigrosignatus*, Edw. (see *T. giblini*).
- Taeniorhynchus* (*Chrysoconops*) *nocturnus*, Theo., described as new,

- II. 45; a synonym of *T. cristatus*, q.v.
- Taeniorhynchus palliatus*, Coq. (see *Aedes fulvithorax*).
- Taeniorhynchus papuensis*, Tayl., described as new, II. 135; in Papua, II. 135, III. 154.
- Taeniorhynchus* (*Coquillettidia*, *Mansonia*) *perturbans*, Wlk., VI. 142; distribution of, in N. America, VI. 182; in Canada, VII. 106; in India, I. 143 (probably error for *T. uniformis*); in U.S.A., III. 32, 52, 128, 213, V. 161, VI. 66, X. 203; bionomics of, VII. 106, X. 203; hibernation of, I. 98; egg-masses of, IV. 160; larva of, associated with water plants, IV. 170; not attracted by light, I. 22; measures against, VI. 66; larva of *T. richiardii* resembling, VII. 103.
- Taeniorhynchus* (*Mansonia*) *pseudotitillans*, Theo., VI. 142; in Brazil, VIII. 26.
- Taeniorhynchus* (*Mansonia*) *richiardii*, Fic., in Balkans, VI. 163, 201, VIII. 88, IX. 20, 92; in Britain, VII. 153; in Denmark, VI. 182, VII. 172, IX. 82; in France, VII. 99; in Germany, IV. 16, VIII. 27, 214, IX. 29; in Sweden, X. 87; bionomics of, VI. 182, VIII. 27; early stages of, VII. 103, VIII. 27.
- Taeniorhynchus* (*Mansonioides*) *septempunctatus*, Theo., in Papua, III. 154.
- Taeniorhynchus tenax*, Theo. (see *Culex bitaeniorhynchus* var. *tenax*).
- Taeniorhynchus tenax* var. *maculipes*, Theo. (see *Culex quasi-gelidus*).
- Taeniorhynchus thelcter* (see *Aedes*).
- Taeniorhynchus* (*Mansonia*) *titillans*, Wlk., VI. 142, 182; distribution of, VII. 4; in Argentina, VII. 181; in Brazil, IV. 37, VI. 91, VIII. 25; in Br. Guiana, VII. 79, IX. 2, 135, X. 54; absent from Panama, I. 223; in Panama Canal Zone, VII. 3, 127, VIII. 175, 197, IX. 108, X. 24; in Peru, III. 25; in Trinidad, II. 24, V. 60; in Venezuela, X. 183; not found to transmit dengue, VII. 127; breeding-places of, X. 54; relation of early stages of, to water-plants, IV. 160, 177, VII. 3, 127, VIII. 175, 197, X. 24.
- Taeniorhynchus* (*Mansonia*, *Mansonioides*) *uniformis*, Theo., in E. Africa, VIII. 164; in W. Africa, IV. 45, 66, 112, 150, V. 3, 45, VI. 225, VII. 169, X. 114; in Australia, I. 11, IV. 11, 60, V. 68, VI. 73, 227, VII. 176; in Belgian Congo, I. 220, III. 121; in Cochín-China, II. 155; in Hong Kong, III. 141; in Kamerun, X. 114; in Madagascar, IX. 68; in Nyasaland, X. 62; in Papua, III. 154; in Philippines, II. 133, VII. 193; in Sumatra, IV. 23; not experimentally carrying dengue, VI. 195; transmitting filariasis, II. 133, 155, IV. 120, X. 180; probably not carrying *Onchocerca gibsoni*, VI. 27; experimentally transmitting *Trypanosoma gambiense*, I. 191.
- Taeniorhynchus versicolor*, Edw., in E. Africa, V. 31.
- Taeniorhynchus violaceus*, Theo. (see *T. metallicus*).
- taeniorhynchus*, *Aedes* (*Culex*, *Culicella*, *Ochlerotatus*).
- taeniorostris*, *Harpagomyia*.
- tahoensis*, *Aedes communis*.
- takasagoensis*, *Tabanus*.
- talaje*, *Ornithodoros*.
- talpae*, *Demodex*; *Histrichopsylla*.
- talpoides*, *Hemimerus*.
- tamilanus*, *Ceratophyllus*.
- tanamarivensis*, *Anopheles* (see *A. squamosus*).
- tantalus*, *Tabanus*.
- tapena*, *Culex* (*Eubonnea*).
- tapetzella*, *Trichophaga*.
- Tapinoma melanocephalum*, F., in houses in Jamaica, IX. 31.
- tarandi*, *Oedemagena*.
- tarandinus*, *Tabanus*.
- tarsalis*, *Aedes*; *Culex*.
- tarsatus*, *Eupelminus*.
- tarsimaculatus*, *Anopheles* (*Cellia*).
- Tarsonemus*, infesting the urinary tract in man, IX. 70.
- Tarsonemus apis*, Rennie, and disease in bees, X. 129.
- Tarsonemus woodi*, Rennie, *Acarapis* gen. n. for (q.v.), IX. 196.
- tasmani*, *Ixodes*.
- tasmanicus*, *Tabanus*.
- tasmaniensis*, *Aedes* (*Menolepis*, *Ochlerotatus*) (see *A. leucolepis*); *Lucilia*; *Rachionotomyia* (*Aedes*, *Ochlerotatus*, *Stegomyia*); *Tabanus*.
- taylori*, *Culex* (see *C. squamosus*); *Tabanus*.
- Teara*, causing dermatitis in man in Australia, X. 168.
- tecmarsis*, *Culex* (*Choeroporpa*).
- tejerae*, *Phlebotomus*.

- Telenomus tabani*, Mayr, a parasite of *Tabanus*, III. **195**.
- Telenomus tabanivorus*, Ashm., a parasite of *Tabanus*, III. **195**.
- Telmatoscopus meridionalis*, Eat., breeding-places of, in Gold Coast, X. **167**.
- telmatoscopus*, *Ankistrodactylus* (*Schizodactylus*).
- temperata*, *Lucilia* (see *L. argyri-cephala*).
- tempestata*, *Musca* (*Biomyia*).
- tempestiva*, *Musca*.
- temporalis*, *Lipeurus*.
- tenax*, *Eristalis*; *Taeniorhynchus* (see *Culex bitaeniorhynchus* var. *tenax*).
- Tendipes bethsaida*, Kieff., described as new from Palestine, III. **51**.
- Tendipes galilaeus*, Kieff., described as new from Palestine, III. **51**.
- tenebricosa*, *Bezzia*.
- tenebricosus*, *Atractodes*.
- Tenebrio molitor*, L., inoculation of, with Leptomonads, IX. **144**; effect of hydrocyanic acid gas on, X. **156**.
- Tenebrio obscurus*, F., in dead bodies, IX. **121**.
- tenebrosa*, *Cuterebra*.
- tenebrosus*, Coq., *Tabanus* (see *T. coquillettii*).
- tenebrosus*, Wlk., *Tabanus*.
- Tenthredo variegatus*, Nort., feeding on house-flies, II. **129**.
- tentorius*, *Culicoides*.
- tenuicrus*, *Palpomyia*.
- tenuifrons*, *Simulium*.
- tenuimanus*, *Simulium*.
- tenuipes*, *Simulium*.
- tenuirostris*, *Haematopinus* (see *Linognathus vituli*); *Ixodes*.
- tenuis*, *Topomyia*; *Triatoma*.
- Tephrochlamys canescens*, Mg., in Britain, III. **89**, IV. **143**; bionomics of, IV. **143**.
- Tephrochlamys rufiventris*, Mg., breeding in manure in British Isles, VII. **191**.
- tepperi*, *Silvius*.
- terebor*, *Culex* (*Choeroporpa*).
- tergestinus*, *Tabanus*.
- terinus*, *Callistopsyllus*.
- ternicinctus*, *Gastrophilus*.
- terraenovae*, *Phormia*.
- terraereginae*, *Musca*.
- terrens*, *Aedes* (*Finlaya*).
- terribilis*, *Euryparasitus* (*Gamasus*).
- terriei*, *Aedes*.
- territans*, Wlk., *Culex*.
- territans*, auct., *Culex* (see *C. hortensis*).
- territans*, H., D. & K., *Culex* (see *C. apicalis*).
- Tersesthes*, blood-sucking habits of, I. **66**; considered a synonym of *Leptoconops*, IX. **194**.
- Tersesthes brasiliensis*, Lutz, described as new from Brazil, I. **176**; referred to *Protersesthes*, q.v.
- Tersesthes camelorum*, Kieff., described as new from camels in Algeria, IX. **171**.
- Tersesthes* (*Mycterotypus*) *laurae*, Weiss, in Tunis, VI. **28**.
- Tersesthes mesopotamiensis* (see *Leptoconops*).
- tersus*, *Ceratophyllus*.
- terticeps*, *Aegophagamyia*.
- tessellata*, *Sarcophaga*.
- tessellatus*, *Anopheles* (*Myzomyia*, *Nyssomyzomyia*).
- testacea*, *Diatomineura*; *Dichelacera*.
- testaceomaculatus*, *Tabanus*.
- testaceus*, *Culex* (see *C. apicalis*); *Leptinus*.
- testor*, *Neopsylla*.
- testudinis*, *Amblyomma*.
- tetracarínatus*, *Oxytelus*.
- tetralineatus*, *Tabanus* (see *T. cinerescens*).
- Tetramorium guineense*, F., a mechanical carrier of typhoid, II. **9**.
- Tetrastichus* (*Entedon*) *hagenowi*, Ratz., parasite of *Evania appendigaster*, III. **126**.
- tetripunctata*, *Wohlfahrtia*.
- texana*, *Psorophora*; *Sarcophaga*.
- texanus*, *Ixodes*; *Ixodiphagus*; *Rhipicephalus*.
- textor*, *Hyphantria*.
- thalassius*, *Culex*.
- thaxteri*, *Aedes*.
- theae*, *Oscinis*.
- theileri*, *Anopheles*; *Culex* (see *C. tipuliformis*).
- thelcter*, *Aedes* (*Taeniorhynchus*).
- Thelidia oculata*, Fall. (*Heteromyza filiformis*, R.-D.), in France, II. **134**.
- Themira putris*, L., in France, II. **134**; spread of, by human agency, V. **192**.
- theobaldi*, *Aedes* (*Grabhamia*, *Ochlerotatus*); *Anopheles* (*Nyssorhynchus*); *Haematopota*; *Theobaldia* (see *T. fumipennis*).
- Theobaldia* (*Culiseta*), in the Sahara, II. **198**; in U.S.A., I. **78**; notices of keys to, IX. **113**, **131**, X. **18**, **229**; respiration of larva of, X. **211**.

- Theobaldia absobrina*, Felt (see *T. impatiens*).
- Theobaldia (Culex) alaskaensis*, Ludl., in British Isles, IX. 28, 95; in Canada, VII. 106, VIII. 101; described as *T. arctica*, sp.n., from Russia, VIII. 49; described as *T. siberiensis*, sp.n., from Siberia, VIII. 59; in Sweden, X. 87; in U.S.A., VI. 65; bionomics of, VII. 107; synonymy of, X. 18.
- Theobaldia (Culiseta) annulata*, Schr., in Balkans, VI. 163, 201, VIII. 87, 90, IX. 20, 92; in British Isles, VIII. 177, 193, IX. 5, 118, X. 16, 85, 105, 120, 165; in Canary Islands, X. 31; in Denmark, VII. 171, IX. 82; in France, II. 180, VII. 99, VIII. 82, IX. 107; in Germany, II. 78, VII. 69, VIII. 27, 214, IX. 29, 68, X. 36, 128; in Italy, VII. 156, X. 119; in Mesopotamia, VIII. 112; in Palestine, IX. 99; in Pyrenees, VIII. 76; in Sweden, X. 87; in Switzerland, I. 40, III. 225, V. 42, VI. 172, X. 7, 92; bionomics of, V. 42, VI. 172, VII. 171, X. 7, 36, 86, 92; biting habits of, I. 40, X. 228; breeding-places of, IX. 92, 107; effect of various re-agents on, VI. 57, VII. 135, IX. 184; larva of, V. 19, IX. 186, X. 211.
- Theobaldia (Culex) annulata* var. *marocana*, D'Anfr. (see *T. longiarcolata*).
- Theobaldia annulata subochrea* (see *T. subochrea*).
- Theobaldia arctica*, Edw., described as new from Russia, VIII. 49; a synonym of *T. alaskaensis*, q.v.
- Theobaldia bergrothi*, Edw. (see *T. glaphyroptera*).
- Theobaldia consobrina*, R.-D. (see *T. inornata*).
- Theobaldia (Culicella) dyari*, Coq., in Canada, VII. 106; in U.S.A., IV. 170, V. 160, VI. 88, X. 203; bionomics of, IV. 170, VII. 106; breeding-places of, VI. 88.
- Theobaldia ficalbii*, Noé (see *T. fumipennis*).
- Theobaldia (Culicella) fumipennis*, Steph., in Balkans, VIII. 87; in British Isles, X. 16, 86; in Germany, VII. 69; in Isle of Man, IX. 118; in Sweden, X. 87; synonymy of, X. 18.
- Theobaldia glaphyroptera*, Schiner, in Finland, X. 165; in Germany, II. 78, VII. 69, VIII. 27; in Sweden, X. 87; hibernation of, VIII. 27; synonymy of, X. 18.
- Theobaldia (Culiseta) impatiens*, Wlk. (*absobrina*, Felt), V. 19; in Canada, VII. 106; in U.S.A., VI. 7, 65, VIII. 14; bionomics of, VII. 106; breeding-places of, VI. 7; larva of, VIII. 14.
- Theobaldia (Culiseta) incidens*, Thoms., in Canada, VII. 106, VIII. 101; in U.S.A., IV. 159, VI. 7, 49, 65, 146, VIII. 104; bionomics of, VII. 106; breeding-places of, IV. 159, VI. 7, 49; experiments in effect of petroleum on larvae of, VI. 184; allied to *T. annulata*, V. 19.
- Theobaldia indica*, Edw., described as new from India, VIII. 149.
- Theobaldia (Culiseta) inornata*, Will. (*consobrina*, R.-D.), V. 19; in Canada, III. 155, VII. 106; in U.S.A., VI. 49, 65, 146, X. 93; breeding-places of, X. 93; bionomics of, VII. 106.
- Theobaldia (Allotheobaldia) longiarcolata*, Macq. (*spathipalpis*, Rond.), in S. Africa, IX. 128; in Albania, VII. 138; in Balkans, VI. 163, 201, VIII. 87, 90, IX. 20, 92; in Canary Islands, X. 31; in Egypt, III. 10, VI. 239, VIII. 35; in Gibraltar, IX. 107; in France, VII. 99, IX. 107; in Italy, VII. 156; in Mesopotamia, VIII. 111; in Palestine, VIII. 60, IX. 99; in Pyrenees, VIII. 76; in Tunis, VI. 106, X. 68; bacilli found in, IX. 107; development of *Plasmodium relictum* in, VI. 229; attacking man, VI. 239; bionomics of, IX. 107; described as *T. (Culex) annulata* var. *marocana*, sp.n., from Morocco, IV. 85; breeding-places of, VIII. 35, 111, IX. 92, 99; larva of, VI. 106; anatomy of, IV. 74, VI. 208; synonymy of, X. 18.
- Theobaldia (Culex, Culicella) morsitans*, Theo. (*flavirostris*, Mg.), in British Isles, VII. 190, IX. 5, 118, X. 16, 86; in Denmark, VII. 171, IX. 82; in Finland, X. 165; in France, VII. 99; in Germany, II. 78, VII. 69, VIII. 27, 214, IX. 29, 68; in Palestine, IX. 99; in Sweden, X. 87; possibly transmitting malaria to birds, IX. 30, 68; breeding-places of, VII. 190, IX.

- 99; hibernation of, VIII. 27;
T. fumipennis erroneously re-
 corded as, VIII. 76.
- Theobaldia niveitaeniata*, Theo.,
 anatomy of, X. 231.
- Theobaldia siberiensis*, Ludl., de-
 scribed as new from Siberia,
 VIII. 59; a synonym of *T.*
alaskaensis, q.v.
- Theobaldia spathipalpis*, Rond. (see
T. longiarcolata).
- Theobaldia subochrea*, Edw., IX.
 83; likely to occur in Sweden,
 X. 88.
- Theobaldia theobaldi*, de Meij. (see
T. fumipennis).
- Theobaldinella nemorosa* (see *Aedes*
communis).
- Theobaldionymia gelidus* (see *Culex*).
theotaenia, *Stibasoma*.
- Thereva plebeia*, L., in houses in
 Britain, IV. 144.
- Therioptectes* (see *Tabanus*).
- theta*, *Sarcophaga*.
- thirouxi*, *Lyperosia*.
- tholloni*, *Amblyomma*.
- tholozani*, *Ornithodoros*.
- thomsoni*, *Aedes* (*Stegomyia*).
- thoracinus*, *Tabanus*.
- thorntoni*, *Aedes* (*Finlaya*); *An-*
opheles (see *A. tessellatus*).
- Thriambentes fuscus*, Aust., de-
 scribed as new from Bechuana-
 land, VIII. 208.
- thriambus*, *Culex*.
- Thrips cerealium* (see *Limothrips*).
- Trombidium* (see *Trombidium*).
- Thyreophora anthropophaga*, R.-D.,
 in dead bodies, IX. 121.
- Thyrcophora cynocephala*, Panz., in
 dead bodies, IX. 121.
- Thyreophora furcata*, F., in dead
 bodies, IX. 121.
- Thyridanthrax abruptus*, Lw., para-
 site of *Glossina* in Nyasaland
 and Rhodesia, III. 142, IV. 29,
 116, 118.
- Thysanognathus* (*Prionognathus*) *al-*
bopictus, I. & M., described as
 new from Gold Coast, X. 233;
 breeding in mango trees, X. 233.
- Thysanognathus* (*Prionognathus*)
maculipennis, C., I. & M., de-
 scribed as new, IX. 76; in
 Gold Coast, IX. 76, X. 234.
- Thysanognathus* (*Prionognathus*)
maculithorax, C., I. & M., de-
 scribed as new, IX. 76; in Gold
 Coast, IX. 76, X. 234.
- Thysanognathus* (*Prionognathus*)
marmoratus, C., I. & M., described
- as new, IX. 76; in Gold Coast,
 IX. 76, X. 234.
- Thysanognathus* (*Prionognathus*)
melanostictus, I. & M., described
 as new from Gold Coast, X. 233.
- Thysanognathus* (*Prionognathus*)
pseudomaculipennis, C., I. & M.,
 described as new, IX. 76; in
 Gold Coast, IX. 76, X. 234.
- tiberiadis*, *Polypedilum*; *Trichotany-*
pus.
- tibiale*, *Selasoma*.
- tibialis*, *Psorophora*; *Uranotaenia*.
- tibiomaculatus*, *Anopheles* (see *A.*
eiseni).
- tigrina*, *Coenosia*.
- tigripes*, *Lutzia* (*Culex*).
- tillyardi*, *Pelecorhynchus*.
- tinctorium*, *Dinotrombidium*.
- Tinea pellionella*, L., in U.S.A.,
 VI. 210; in dead bodies, IX. 121.
- Tineola biselliella*, Hummel, in Brit-
 ish Isles, IV. 179; in U.S.A.,
 VI. 210; in dead bodies, IX. 121.
- Tipula*, breeding in manure in
 British Isles, VII. 191.
- Tipula oleracea*, L., II. 167.
- tipuliformis*, *Culex*.
- Titanolabis* (*Anisotabis*) *colossea*,
 Dohrn, attacking man in Aus-
 tralia, X. 168.
- titillans*, *Taeniorhynchus* (*Mansonia*).
- titillator*, *Cephalopsis* (*Oestrus*).
- tlalzahuatl*, *Microthrombidium*.
- togoi*, *Aedes* (*Culiseta*, *Finlaya*, *Och-*
lerotatus).
- tomentosa*, *Epicauta*.
- tomentosus*, *Tabanus*.
- tömösváryi*, *Simulium* (see *S. fus-*
cipes).
- tonglai*, *Tabanus*.
- Topomyia*, notice of key to, X. 229.
- Topomyia argyropalpis*, Leic., possi-
 bly a synonym of *Kingia gregoryi*,
 X. 229.
- Topomyia decorabilis*, Leic., system-
 atic position of, X. 229.
- Topomyia rubithoracis*, Leic., *T.*
trifida previously recorded as,
 X. 198.
- Topomyia tenuis*, Edw., described
 as new from Malaya, X. 198.
- Topomyia trifida*, Edw., described
 as new from Borneo, X. 198.
- torquans*, *Philornis* (*Mydaea*).
- torquens*, *Haematopota*.
- torresi*, *Tabanus*.
- tortilis*, *Aedes*.
- tosimus*, *Culex* (*Choeropora*).
- tovari*, *Psorophora* (*Janthinosa*).
- townsendi*, *Forcipomyia*; *Philan-*
desia.

- townsvillensis*, *Culicoides*; *Pericoma*.
Toxorhynchites (see *Megarhinus*).
trabeatum, *Simulium*.
Tracheomyia macropi, Frogg., infesting kangaroos in Australia, IV. 122, VIII. 74.
Trachynotus cadavericus, Megn., in dead bodies, IX. 121.
traguli, *Lipoptena*.
tranquilla, *Pangonia*.
transcaspicum, *Simulium*.
Transculicia (see *Culex*).
transvaalensis, *Haematopota*.
transversalis, *Holoconops*.
transversus, *Tabanus*.
transvittata, *Stomoxys*.
treacheri, *Anopheles* (see *A. aitkeni*).
tredecimatum, *Simulium*.
tremula, *Aedes* (*Macleaya*).
trepidus, *Tabanus*.
treubi, *Armigeres* (*Scutomyia*).
Triamya, gen.n., VIII. 32.
triangulata, *Hodgesia* (see *H. quasi-sanguinea*).
triangulum, *Neotabanus*.
Triatoma (*Conorhinus*), in Arabia, IV. 172; notice of key to Argentine species of, IX. 197; in Ecuador, VI. 192; new species of, in Venezuela, IX. 12; bite of, causing lymphangitis in Nigeria, VIII. 217; transmitting *Trypanosoma cruzi* in S. America, I. 2, 124, 188, IX. 197; biology and classification of, X. 181; anatomy of, IX. 78.
Triatoma brasiliensis, Neiva, in Brazil, I. 176, II. 107, 108, VI. 91, 92; bionomics of, II. 107, VI. 92.
Triatoma chagasi, Brumpt & Gomez, cannibalism in, III. 56.
Triatoma dimidiata, Latr., var. *maculipennis*, Stål, transmitting *Trypanosoma cruzi* in San Salvador, III. 224.
Triatoma geniculata, Latr., associated with armadillo in Brazil, II. 108; infected with *Trypanosoma cruzi*, IV. 38.
Triatoma infestans, Klug, not occurring in Bahia, II. 108; transmitting *Trypanosoma cruzi* in S. America, I. 176, II. 87, 125, III. 205, VI. 59, VIII. 26; bionomics of, I. 176, III. 56.
Triatoma maculata, Erichs., in Brazil, II. 108, VI. 91.
Triatoma (*Conorhinus*) *megista*, Burm., transmitting *Trypanosoma cruzi* in Brazil and Peru, I. 140, 188, II. 87, 107, 108, 125, IV. 37, V. 191, VI. 91, 213, 217, VII. 141, VIII. 16, 65, 97; bionomics of, III. 56; measures against, IX. 19.
Triatoma protracta, Uhler, infested with *Trypanosoma triatoma*, IV. 181.
Triatoma (*Conorhinus*) *rubrofasciata*, DeG., in Assam, X. 231; in Brazil, II. 107; in India, IX. 210; in Mauritius, II. 108, III. 56; in Philippines, VII. 194; attacking bed-bugs, I. 208, III. 56; possible relation of, to leishmaniasis, I. 208, II. 108, IV. 102, 174, IX. 210; transmitting *Trypanosoma boylei*, II. 108; experimentally infected with *Trypanosoma cruzi*, II. 108; transmitting trypanosomes to rats, I. 140, 178; chemistry of saliva of, III. 42.
Triatoma rubrovaria, Blanchard, in Brazil, II. 108.
Triatoma rufotuberculata, Champ., in Panama, III. 224.
Triatoma (*Conorhinus*) *rugulosa*, Stål, in Costa Rica, III. 224; synonymy of, I. 176.
Triatoma (*Conorhinus*) *sanguisuga*, Lec., in U.S.A., I. 107, II. 137; attacking Lepidopterous larvae, III. 56.
Triatoma sordida, Stål, transmitting *Trypanosoma cruzi* in S. America, II. 87, 108, 125, IV. 37, VI. 91, VIII. 26; bionomics of, III. 56.
Triatoma tenuis, Neiva, described as new from Brazil, II. 108.
Triatoma venosa, Stål, in Costa Rica and Panama, III. 224.
Triatoma vitticeps, Stål, in Brazil, II. 108, III. 223; transmitting *Trypanosoma cruzi*, III. 223.
Tribolium castaneum, Hbst. (*ferrugineum*, F.), on hides from India, III. 143.
tribulosa, *Fahrenholzia*.
trichinopolis, *Tabanus* (see *T. macer*).
Trichocerca siberica, Edw., described as new from Siberia, VIII. 137.
trichocerus, *Demoplatus*.
Trichodectes, on dogs in British Isles, II. 132; measures against, on sheep in France, V. 122; *Rickettsia* in, IX. 148.
Trichodectes bedfordi, Hill, described as new from *Cephalophus monticola* in S. Africa, X. 140.
Trichodectes caffra, Bedford, described as new from *Felis caffra* in S. Africa, VIII. 9.

- Trichodectes canis*, Retz., intermediate host of *Dipylidium caninum*, V. 13, VIII. 115.
- Trichodectes caprae*, Gurlt. (*climax*, Nitzsch), on goats in Guam, V. 184; in Mozambique, III. 96; in Russia, X. 180; in U.S.A., III. 127, X. 170, 199; measures against, X. 170, 199.
- Trichodectes climax*, Nitzsch (see *T. caprae*).
- Trichodectes equi*, Stephens (see *T. parumpilosus*).
- Trichodectes genetta*, Bedford, described as new from *Genetta ludia* in S. Africa, VIII. 9.
- Trichodectes hermsi*, Kellogg & Nakayama, described as new from goats in U.S.A., III. 127.
- Trichodectes latus*, Nitzsch, on dingo in Australia, VII. 174; in Mozambique, III. 96; in U.S.A., VI. 44, 183; possibly intermediate host of *Tacnia*, III. 4; on dogs, III. 4, 96, VI. 44, 183; measures against, VI. 89.
- Trichodectes limatus*, Gerv., on goats in U.S.A., X. 199.
- Trichodectes lindfieldi*, Hill, described as new from *Procapra capensis* in S. Africa, X. 140.
- Trichodectes ovis*, L., on sheep in U.S.A., IX. 110.
- Trichodectes parumpilosus*, Piaget (*equi*, Stephens), in Mozambique, III. 96; in U.S.A., III. 149, VI. 44, 169; on horses and mules, III. 96, 149, IV. 178, VI. 44, 169, VIII. 22; bionomics of, VI. 44; measures against, IV. 178, VI. 45, 169.
- Trichodectes pilosus*, Giebel, in Mozambique, III. 96; in U.S.A., VI. 44, 169; new *Rickettsia* in, IX. 148; on horses and mules, III. 96, VIII. 22, IX. 148; bionomics of, VI. 44; measures against, VI. 45, 169.
- Trichodectes pubescens*, Raill. (see *T. vestitus*).
- Trichodectes quadriceps*, Chapm., infesting foxes, IX. 96.
- Trichodectes scalaris*, Nitzsch, in British Isles, V. 163; in Mozambique, III. 96; in U.S.A., III. 149, V. 163, VI. 89, 153, VIII. 10, X. 122; on cattle, III. 96, 149, V. 163, 168, VIII. 10; measures against, VI. 89, X. 122.
- Trichodectes serraticus*, Hill, described as new from *Procapra capensis* in S. Africa, X. 140.
- Trichodectes sphaerocephalus*, Nitzsch, on sheep in Australia, II. 129, 130, III. 17, IV. 111, V. 118, VII. 60; in Ireland, V. 163; in Mozambique, III. 96; in U.S.A., X. 199; legislation against, II. 129, III. 17; measures against, III. 17, VII. 60.
- Trichodectes subrostratus*, Nitzsch, in Mozambique, III. 96; on cats and dogs, III. 4, 96.
- Trichodectes tuberculatus* (see *Haematopinus*).
- Trichodectes vestitus*, Raill. (*pubescens*, Raill.), on horses and mules in Mozambique, III. 96.
- Trichodectes vulpis*, Denny, infesting foxes, IX. 96.
- Trichophaga tapetzella*, L., infesting stored hides, IV. 179.
- Trichopria elongata*, Thoms., parasite of flies in Britain, VIII. 22.
- Trichoprosopon compressus*, Lutz, in Brazil, VI. 91.
- Trichoprosopon (Culex, Joblotia) digitatus*, Rond., in French Guiana, VI. 160; in Trinidad, II. 25, X. 31; in Venezuela, X. 62; bionomics of, X. 131; *T. wilsoni* possibly identical with, VI. 190.
- Trichoprosopon lunatus*, Theo., in Trinidad, V. 60.
- Trichoprosopon nivipes*, Theo., in Trinidad, V. 60; *T. wilsoni* allied to, VI. 189.
- Trichoprosopon shropshirei*, Ludl., described as new from Panama, VIII. 95.
- Trichoprosopon wilsoni*, Ludl., described as new from Panama Canal Zone, VI. 189.
- trichopus*, *Lesticocampa*.
- Trichorhynchus fuscus*, Theo. (see *Culex fragilis*).
- Trichotanypus tiberiadis*, Kieff., described as new from Palestine, III. 51.
- Trichothrips*, attacking man in Trinidad, IX. 175.
- trichurus*, *Aedes*.
- tricuspis*, *Rhipicephalus*.
- Tricyclea*, in Tangier, VII. 122.
- trifascia*, *Tabanus*.
- trifida*, *Topomyia*.
- trifidus*, *Culex (Helcoporpa)*.
- trifilatus*, *Culex*.
- trigonocephala*, *Rogenhoferia*.
- trigonocephalum*, *Menopon* (see *M. pallidum*).
- Trigonometopus albifrons*, Knab, described as new from Nicaragua and Guatemala, II. 187.

- Trigonometopus angustipennis*, Knab, described as new from West Indies, II. 187.
- Trigonometopus vittatus*, L., in U.S.A., II. 187.
- trigonostichus*, *Tabanus*.
- trigonum*, *Euthrombidium*.
- trigonus*, *Tabanus*.
- triguttatum*, *Amblyomma*.
- trijuncius*, *Tabanus*.
- trilinealis*, *Tabanus*.
- trilineatus*, *Tabanus* (*Neotabanus*).
- Trilocha* (*Ocinara*) *lewinae*, Lewin, causing dermatitis in Australia, X. 168.
- trimaculatum*, *Aponomma*; *Hippocentrum*.
- trinervis*, *Truphioneura*.
- trinidadensis*, *Megarhinus*; *Phlebotomus*; *Phoniomyia*.
- Trinoton conspurcatum*, Nitzsch, on geese, IV. 13.
- Trinoton liluratum*, Nitzsch, measures against, on geese in U.S.A., II. 44.
- Trinoton ludium*, Nitzsch, measures against, on ducks in U.S.A., II. 44.
- Trinoton luridum*, Nitzsch, on ducks, IV. 13.
- tripartita*, *Dyarina*.
- tripectinata*, *Hystriehopsylla*.
- Triphleps insidiosus*, Say, attacking man in U.S.A., IV. 107.
- triquetroratus*, *Tabanus*.
- triseriatus*, *Aedes* (*Ochlerotatus*).
- trisetosus*, *Proctophyllodes*.
- trisinatus*, *Culicoides*.
- trispilus*, *Tabanus*.
- tristis*, *Chrysops*; *Stibasoma*.
- tristrigatum*, *Simulium*.
- tritaeniorhynchus*, *Culex*.
- tritici*, *Euxoa* (*Agrotis*); *Harmolita* (*Isosoma*).
- trivittatum*, *Simulium*.
- trivittatus*, *Aedes* (*Ochlerotatus*); *Leptocoris*; *Tabanus*.
- Trixa*, *Aulacephala* allied to, V. 49.
- troglodytes*, *Phlebotomus*.
- troglodytus*, *Deinocerites*.
- Trombicula*, in Java, VII. 182; notice of key to species of, IX. 79.
- Trombicula akamushi* (see *Trombidium*).
- Trombicula cinnabaris*, Ewing, described as new from U.S.A., IX. 79; predacious on other Arthropods, IX. 79.
- Trombicula coarctata*, Berl., *Trombidium akamushi* allied to, VII. 87; compared with *T. splendens*, IX. 79.
- Trombicula corvi*, Hatori, described as new from *Corvus macrorhynchus* in Formosa, X. 41.
- Trombicula gallinarum*, Hatori, described as new from birds in Formosa, X. 41.
- Trombicula intermedia*, Nagayo, relation of, to tsutsugamushi disease, X. 107.
- Trombicula mediocris* (see *Trombidium*).
- Trombicula minor*, Berl., *Trombidium mediocris* probably adult form of, IX. 79.
- Trombicula pallida*, Nagayo, relation of, to tsutsugamushi disease, X. 107.
- Trombicula palpalis*, Nagayo, relation of, to tsutsugamushi disease, X. 107.
- Trombicula pseudoakamushi* (see *Trombidium*).
- Trombicula scutellaris*, Nagayo, relation of, to tsutsugamushi disease, X. 107.
- Trombicula similis* (see *Leptus*).
- Trombicula splendens*, Ew., compared with *T. coarctata*, IX. 79.
- Trombidium*, distribution of, in N. America, III. 135; in Assam, X. 232; in Costa Rica, X. 31; attacking man in British Guiana, VII. 179; in Philippines, VII. 194; infesting man in Japan, IX. 95; and fever in Sumatra, III. 101, IV. 52; possibly carrying toxoplasmosis in Tunis, VI. 28; on fowls in U.S.A., VI. 142; infesting house-flies, III. 174; on turkeys, IV. 13; repellents for, X. 31; destroyed by sheep and cattle, II. 72; *Leptus autumnalis* not a species of, VII. 87.
- Trombidium* (*Leptus*, *Microtrombidium*, *Trombicula*) *akamushi*, Brumpt, transmitting tsutsugamushi disease in Japan and Formosa, III. 138, IV. 68, V. 160, VI. 21, 50, 147, 187, VII. 44, 140, 182, 194, VIII. 37, IX. 65, X. 41, 107.
- Trombidium holosericeum*, L., in British Isles, VI. 81; on fowls in U.S.A., IV. 53; on dogs and cats, III. 5; measures against, IV. 53.
- Trombidium locustarum*, Walsh (see *Euthrombidium trigonum*).
- Trombidium* (*Trombicula*) *mediocris*, Berl., in Formosa, VII. 182; probably adult stage of *Trombicula minor*, IX. 79; *T. pseudo-*

- akamushi* allied to, VIII. **37**, X. **41**.
- Trombidium muscarum*, Riley, infesting *Stomoxys calcitrans* in France, X. **30**; infesting *Musca domestica* in U.S.A., VI. **148**.
- Trombidium (Trombicula) pseudo-akamushi*, Hatori, described as new, VIII. **37**; in Formosa, VIII. **37**, X. **41**.
- Trombidium striaticeps*, Oud., attacking man and animals in Europe, IV. **68**, VI. **147**; infesting *Stomoxys calcitrans* in U.S.A., VIII. **35**.
- trompe*, *Cephenomyia*.
- tropicus*, *Ceratopogon*; *Tabanus*.
- truncatus*, *Dennyus*.
- Trupheoneura* (see *Phora*).
- tryoni*, *Sarcophaga*.
- trypherus*, *Silvius*; *Tabanus*.
- tuberculatum*, *Amblyomma*.
- tuberculatus*, *Haematopinus (Trichodectes)*.
- tuberivora*, *Helomyza* (see *H. gigantea*).
- tuberosa*, *Sarcophaga*.
- tuberosum*, *Simulium*.
- tucumana*, *Esenbeckia*.
- Tunga caecigena*, J. & R., described as new from sewer rats in China, IX. **61**.
- Tunga (Dermatophilus, Pulex, Sarcoptysylla) penetrans*, L., distribution of, IV. **5**, IX. **155**; in Tropical Africa, III. **145**, **227**, V. **35**, VII. **30**, VIII. **139**, IX. **93**; in Argentina, VII. **181**; in Brazil, VI. **92**, VIII. **52**; in Costa Rica, V. **63**; in Br. Guiana, V. **5**; possibly causing pseudomyiasis in Madagascar, VII. **28**; in Seychelles, III. **190**; believed to carry leprosy, III. **103**; bionomics of, V. **63**; hosts of, III. **4**, IV. **58**, V. **35**, VI. **92**, VII. **181**, VIII. **52**, X. **161**; measures against, III. **227**, V. **63**, VIII. **39**, IX. **61**, X. **161**; correct generic name for, IX. **61**.
- tunisiensis*, *Tabanus*.
- turbidus*, *Tabanus*.
- turicata*, *Ornithodoros*.
- turkhudi*, *Anopheles (Myzomyia)*.
- turneri*, *Stizus*.
- Tychomyza fusca*, Macq., breeding-places of, in France, X. **30**.
- Tydeus molestus*, Moniez, causing disease in dogs and cats in Belgium, III. **4**.
- Typhlopsylla assimilis*, Taschb., on *Pitynys savii* in Italy, VIII. **201**; infected with *Trypanosoma rabinowitschi*, I. **123**.
- typhlosomata*, *Uranotaenia*.
- Tyreophora* (see *Thyreophora*).
- Tyria jacobaeae*, L., *Nosema apis* pathogenic to larvae of, II. **45**.
- Tyroglyphus*, an accidental parasite of horses, VII. **52**; in dead bodies, IX. **121**.
- Tyroglyphus agilis*, Can., found in copra, VIII. **150**.
- Tyroglyphus (Aleurobius) farinae*, DeG., in British Isles, VIII. **201**, IX. **10**; infesting urinary tract in man, IX. **70**; in fodder, injurious to domestic animals, VIII. **134**; infesting horses and rodents, VII. **183**, VIII. **201**, IX. **10**; effect of hydrocyanic acid gas on, IX. **191**.
- Tyroglyphus longior*, Gerv., in France, IX. **11**; infesting man in New Zealand, X. **45**; infesting horses, VIII. **126**, IX. **11**.
- Tyroglyphus longior* var. *castellani*, Hirst, causing copra itch, IV. **46**.
- Tyroglyphus siro*, L., infesting house-flies in Britain, IV. **146**; infesting horses in France, IX. **11**; attacking man in Kamerun, VII. **29**.

U.

- ugandae*, *Haematopota*.
- Ulidea aenea*, Wied., bionomics of, in India, VI. **63**, **64**.
- uliginosa*, *Mydaea*.
- ulrichi*, *Cephenomyia*.
- ultimus*, *Chrysops*.
- ululans*, *Ectomocoris*.
- umbratus*, *Tabanus*.
- umbrosus*, *Anopheles (Myzorhynchus)*.
- uncinata*, *Harrisonia*.
- uncinatus*, *Microphthirus (Enderleinellus)*.
- undecimpunctatus*, *Culicoides*.
- undosus*, *Sabethinus (Sabethoides)*.
- undulatus*, *Dermestes*.
- unguiculata*, *Uranotaenia*.
- unicavatus*, *Ixodes*.
- unicinctus*, *Aedes (Finlaya)*.
- unicolor*, *Cryptotylus*; *Culex*; *Lucilia* (see *L. caesar*).
- uniformis*, *Aedes (Skusea)*; *Ingramia (Mimomyia)*; *Taeniorhynchus (Mansonia, Mansonioides)*; *Tabanus*.
- unilineatus*, *Aedes (Stegomyia)*.
- unimaculatus*, *Culicoides* (see *C. stigma*).

univittatus, *Culex*.

unizonata, *Haematopota*.

Uranotaenia, in Australia, II. 93, IV. 183, VI. 227; in Florida, II. 78; habits of larva of, VII. 106; notice of key to, X. 229.

Uranotaenia albescens, Tayl., in Queensland, IV. 60.

Uranotaenia alboabdominalis, Theo., breeding-places of, in W. Africa, IV. 112.

Uranotaenia albofasciata, Tayl., described as new from Australia, X. 109; a synonym of *U. nivipes*, q.v.

Uranotaenia anhydor, Dyar, breeding-places of, in California, IV. 159.

Uranotaenia annulata, Theo., in W. Africa, IV. 66, 112, 150, V. 39, VI. 225, VIII. 217, IX. 42; breeding-places of, IV. 112, IX. 42.

Uranotaenia antennalis, Tayl., in Queensland, VII. 139.

Uranotaenia argyropus, Wlk., in New Zealand, IX. 75.

Uranotaenia atra, Theo. (*propria*, Theo.), in Queensland, IV. 60.

Uranotaenia balfouri, Theo., at Accra, V. 3.

Uranotaenia bicolor, Leic., *U. fusca* a synonym of, X. 229.

Uranotaenia bilineata, Theo., var. *fraseri*, Edw., in Nigeria, IV. 66, IX. 42; breeding-places of, IX. 42.

Uranotaenia bimaculata, Leic., not synonymous with *U. mashonaensis*, X. 229.

Uranotaenia brevivirostris, Edw., described as new from Borneo, III. 115.

Uranotaenia calosomata, D. & K., var. *albitarsis*, Gordon & Evans, described as new from Brazil, X. 234; breeding-places of, X. 234.

Uranotaenia campestris, Leic., in Malay States, II. 202.

Uranotaenia coeruleocephala, Theo., in Nigeria, VII. 169.

Uranotaenia connali, Edw., at Accra, V. 3.

Uranotaenia fusca, Leic. (see *U. bicolor*).

Uranotaenia geometrica, Theo., rare in Brazil, IV. 37; in Br. Guiana, IX. 2, X. 33, 217; in Panama Canal Zone, IX. 108; in Trinidad, V. 60; breeding-places of, IX. 2.

Uranotaenia hilli, Tayl. (see *Aedes longirostris*).

Uranotaenia hystera, D. & K., described as new from Venezuela, I. 164.

Uranotaenia lowi, Theo., in Panama Canal Zone, IX. 108; breeding in tree holes in Surinam, IX. 88; in Trinidad, V. 60.

Uranotaenia macfarlanei, Edw., described as new, III. 10; in Hong Kong, III. 10, 141.

Uranotaenia mashonaensis, Theo., at Accra, V. 3; in E. Africa, VIII. 164; *U. bimaculata* not synonymous with, X. 229.

Uranotaenia mayeri, Edw., at Accra, V. 3.

Uranotaenia moultoni, Edw., described as new from Borneo, III. 10.

Uranotaenia neireti, Edw., described as new, VIII. 208; in Madagascar, VIII. 208, IX. 68.

Uranotaenia nigerrima, Tayl., described as new, II. 135; in Papua, II. 135, III. 154.

Uranotaenia nigripes, Theo., in Sierra Leone, IV. 45.

Uranotaenia (*Anisochelcomyia*) *nivipes*, Theo., in Australia, IV. 60, X. 109; described as *U. albofasciata*, sp.n., X. 109.

Uranotaenia nivipous, Theo., described as new from Transvaal, I. 140.

Uranotaenia obscura, Edw., described as new from Borneo, III. 115.

Uranotaenia ornata, Theo., breeding-places of, in Sierra Leone, IV. 161, 163.

Uranotaenia orthodoxa, Dyar, described as new from Costa Rica, IX. 206.

Uranotaenia propria, Theo. (see *U. atra*).

Uranotaenia pulcherrima, Lynch, in Argentina, IX. 207; in Brazil, IV. 37.

Uranotaenia recondita, Edw., described as new from India, X. 153.

Uranotaenia roperi, Edw., described as new from Borneo, X. 198; possibly a synonym of *U. subnormalis*, X. 229.

Uranotaenia (*Pseudouranotaenia*) *rowlandi*, Theo., in Trinidad, V. 60.

Uranotaenia rutherfordi, Edw., described as new from Ceylon, X. 198.

- Uranotaenia sapphirinas*, O.S., breeding-places of, in S. Carolina, V. 102.
- Uranotaenia subnormalis*, Mart., *U. roperi* possibly a synonym of, X. 229.
- Uranotaenia tibialis*, Tayl., in Queensland, VII. 139.
- Uranotaenia typhlosomata*, D. & K., in Panama Canal Zone, IX. 108; in Trinidad, V. 60.
- Uranotaenia unguiculata*, Edw., described as new, II. 100; in Balkans, VI. 163, 201, VII. 29, VIII. 88, IX. 20, 92; in Egypt, VIII. 35; in Palestine, II. 100, IX. 99; in Tunisia, X. 68; breeding-places of, VI. 201, VIII. 35, IX. 92, 99; hibernation of larva of, VII. 29; larva of, X. 68.
- urbana*, *Mydaea*.
- urichi*, *Culex* (*Carrollia*, *Melanoconion*); *Eupelmus*.
- urius*, *Haematopinus* (see *H. suis*).
- Uropoda nummularia*, L., in dead bodies, IX. 121.
- usquatissimus*, *Culex*.
- usquatus*, *Culex*.
- ustulata*, *Helomyza*.
- ustus*, *Tabanus*.
- utae*, *Forcipomyia*.
- utahensis*, *Ceratophyllus* (see *C. garei*).
- uzeli*, *Gynaikothrips*.
- V.
- vaginalis*, *Lonchaea*.
- vagus*, *Anopheles* (*Myzomyia*).
- validum*, *Limnerium*.
- validus*, *Leptinillus*; *Tabanus*.
- valisti*, *Pheidole*.
- valterii*, *Tabanus*.
- vandema*, *Aedes* (*Culicada*, *Ochlerotatus*).
- vandenbrandeni*, *Haematopota*.
- vandersandei*, *Schöngastia*.
- vanus*, *Anopheles hyrcanus*.
- vapulans*, *Culex* (*Choeroporpa*).
- varia*, *Dichelacera*.
- variabilis*, *Dermacentor*; *Lipeurus* (see *L. caponis*); *Tabanus*.
- variatus*, *Tabanus taeniola*.
- variegata*, *Bembidula*; *Phaonia*.
- variegatum*, *Amblyomma*; *Simulium*.
- variegatus*, *Aedes* (*Stegomyia*); *Tenthredo*.
- varinervis*, *Psorophora* (*Grabhamia*).
- variolosus*, *Oestrus*.
- varipalpus*, *Aedes*.
- varipennis*, *Culicoides*.
- varipes*, *Chrysomya* (*Calliphora*, *Microcalliphora*, *Pycnosoma*); *Stomoxys*.
- varium*, *Amblyomma*.
- varius*, Goetgh., *Culicoides* (see *C. obsoletus*).
- varius*, Winn., *Culicoides*.
- vassilievi*, *Anopheles superpictus*.
- vaxus*, *Culex* (*Choeroporpa*).
- velox*, *Lasiohelea*.
- velutinus*, *Mochlonyx* (*Corethra*) (see *M. culiciformis*).
- venatoria*, *Heteropoda*.
- venefica*, *Simulium* (see *S. variegatum*).
- venezuelae*, *Anopheles* (*Arribalzagia*).
- venosa*, *Triatoma*.
- ventralis*, *Armigeres* (see *A. obturbans*).
- ventricosus*, *Haemodipsus*; *Pediculoides*.
- ventrilloni*, *Culex*.
- ventrosa*, *Musca*.
- ventrovittis*, *Aedes*.
- venustipes*, *Aëdomyia*.
- venustum*, *Simulium*.
- venustus*, *Dermacentor*; *Harpactor* (*Rhinocoris*).
- vepallidus*, *Iphidulus*.
- Verallina insolita*, Coq., in Trinidad, V. 60.
- Verallina laternaria*, Coq., in Trinidad, V. 60.
- Vermipysylla hyaenae*, Kol., on *Hyæna vulgaris* in Caucasus, IV. 151.
- verrucarum*, *Phlebotomus*.
- versatilis*, *Pyrellia*.
- versicolor*, *Eukraiohelea*; *Hippocentrum*; *Taeniorhynchus*.
- vesicatoria*, *Lytta* (*Cantharis*).
- Vespa germanica*, F., predacious on house-flies in Germany, X. 195.
- Vespa orientalis*, F., carrying coliform bacilli in Mesopotamia, IX. 127.
- vespertilionis*, *Argas*; *Ixodes* (*Eschatocephalus*).
- vespiformis*, *Tabanus*.
- vestimentis*, *Pediculus* (see *P. humanus*).
- vestita*, *Cantharis*.
- vestitipennis*, *Anopheles*; *Atrichopogon*.
- vestitus*, *Trichodectes*.
- veterinus*, *Gastrophilus* (see *G. nassalis*).
- veterna*, *Glossina*.
- vetustissima*, *Musca* (*Eumusca*) (see *M. pumila*).
- vetustus*, *Tabanus*.
- vexans*, *Aedes* (*Culex*, *Culicada*,

- Ecculex*, *Ochlerotatus*); *Ceratopogon* (*Forcipomyia*); *Microconops*; *Spaniopsis*.
vexator, *Phlebotomus*.
viaticus, *Achorutes*.
vicaria, *Musca* (see *M. domestica*).
vicarius, *Ctenophthalmus*.
vicina, *Erephopsis*; *Rachionotomyia*.
vicinus, *Culex* (*Leucomyia*).
victoria, *Ornithomusca*.
victoriae, *Simulium*.
victoriensis, *Aedes* (*Culicada*, *Ochlerotatus*) (see *A. camptorhynchus*); *Ectenopsis*; *Ixodes*.
vigil, *Wohlfahrtia*.
vigilax, *Aedes* (*Culicelsa*, *Ochlerotatus*).
Villa lloydi, Aust., described as new, II. 96; a parasite of *Glossina morsitans* in Rhodesia, II. 96, III. 142, IV. 118, VIII. 207.
villeneuvei, *Chrysomyia*; *Musca*.
villosa, *Pollenia* (*Calliphora*, *Neopollenia*) (see *P. stygia*).
villosipes, *Culicoides*.
villosus, *Cacodmus*.
vinnipegensis, *Aedes* (see *A. hirsuteron*).
violacea, *Diatomineura*; *Sepsis*.
violaceum, *Simulium alcocki*.
violaceus, *Canthon*; *Taeniorhynchus* (see *T. metallicus*).
virgatipes, *Culex*.
virgatus, *Tabanus*.
virginensis, *Aedes tortilis*.
virgo, *Odontomyia*; *Tabanus*.
virgulatus, *Tabanus*.
virgultus, *Culex*.
viridescens, *Calliphora*.
viridiceps, *Anastatus*; *Lucilia* (*Pseudorthellia*).
viridis, *Oreasema*.
vishnui, *Culex*.
vitripennis, *Culicoides*.
vitripennis, *Diachlorus*; *Musca* (*Plaxemyia*).
vittata, *Chrysops*; *Haematopota*.
vittatum, *Simulium*.
vittatus, *Aedes* (*Stegomyia*); *Aphodius*; *Trigonometopus*.
vitticeps, *Triatoma*.
vittiger, *Aedes* (*Culex*, *Culicada*, *Ochlerotatus*).
vituli, *Linognathus* (*Haematopinus*).
vivipara, *Musca corvina* (see *M. larvipara*).
Viviparomusca fergusonii, J. & B. (see *Musca convexifrons*).
Volucella obesa, F., I. 36; erroneously supposed to cause myiasis in Brazil, III. 194.
vomitorea, *Calliphora* (*Musca*).
vorax, *Lutzia*; *Simulium*.
Voria ruralis, Fall., in houses in Britain, IV. 144.
vulgaris, *Phryxe*; *Piophilila* (see *P. affinis*).
vulpecula, *Ectenopsis*.
vulpes, *Chaetopsylla*; *Pelecorhynchus*.
vulpis, *Sarcoptes scabiei*; *Trichodectes*.
vulturis, *Pseudolfersia*.

W.

- w-alba*, *Aedes* (*Stegomyia*).
wagneri, *Ceratophyllus*.
wahlgeni, *Culex* (see *Aedes geniculatus*).
walkerii, *Anopheles*; *Ceratophyllus*; *Phlebotomus*.
watasei, *Aedes* (Finlaya).
waterhousei, *Aedes* (see *A. maculatus*).
waterstoni, *Polyplax*.
watsoni, *Anopheles*.
watti, *Culex*.
wellcomei, *Anopheles*.
wellingtonianus, *Anopheles*.
wellmani, *Aedes* (*Ochlerotatus*); *Chrysops*; *Glossina palpalis*.
wentworthi, *Tabanus*.
wetmorei, *Stenoponia*.
whitmorei, *Aedes*.
wichmanni, *Microthrombidium*.
Wilhelmia (see *Simulium*).
wilhelmianum, *Simulium*.
willcocksi, *Grabhamia* (see *Aedes caspius*).
willistoni, *Stibasoma*.
willmori, *Anopheles* (*Neocellia*, *Nysorhynchus*).
wilsoni, *Aedes* (*Culicada*); *Trichoprosopon*.
winnertzi, *Atrichopogon*.
Winthemia quadripustulata, F., found in nest of *Bembex spinolae*, V. 74.
wohlfahrti, *Sarcophaga* (see *Wohlfahrtia magnifica*).
Wohlfahrtia, causing myiasis in India, IX. 180.
Wohlfahrtia balassogloi, Portsch., distribution of, in Russia and Central Asia, I. 151, IV. 89; parasitic on locust eggs, I. 151.
Wohlfahrtia intermedia, Portsch., distribution of, in Russia, IV. 89.
Wohlfahrtia (Sarcophaga) magnifica, Schin., in Central Asia, IX. 7;

- in Egypt, VI. 30, 239; in Europe, IX. 7; in Russia, I. 151, III. 29, 159, IV. 88; infesting animals, I. 151, III. 4, 29, 159, IV. 2; infesting man, I. 175, III. 29, 31, VI. 30, 239, IX. 7, X. 227; bionomics of, IV. 88; synonymy of, III. 31.
- Höhlfahrtia meigeni*, Schin., distribution of, in Europe, IV. 89; in Mesopotamia, IX. 15.
- Höhlfahrtia tetripunctata*, Duf., distribution of, in Europe and Central Asia, IV. 89.
- Höhlfahrtia vigil*, Wlk., infesting man in Canada, IX. 1, X. 227; larva of, IX. 117.
- wolcottii*, Olfersia.
- woodi*, *Acarapis* (*Tarsonemus*); *Aedes* (*Stegomyia*); *Chrysops*.
- Horcesteria grata*, Banks (see *Toxorhynchites regius*).
- Wyeomyia*, in Oriental Region, X. 229; percentage of, in Panama Canal Zone, VII. 127; in Trinidad, II. 25; in U.S.A., II. 78.
- Wyeomyia abascanta*, D. & K., in Trinidad, V. 60.
- Wyeomyia albosquamata*, B.-W. & B., described as new from Dutch Guiana, VIII. 32; breeding-places of, VIII. 32.
- Wyeomyia aphobema*, Dyar, described as new, VII. 22; breeding-places of, in Dutch Guiana, VII. 22, VIII. 32.
- Wyeomyia autocratica*, D. & K., in Trinidad, V. 60.
- Wyeomyia bodkini*, Edw., described as new from Br. Guiana, X. 153.
- Wyeomyia cara*, D. & K., in Trinidad, V. 60.
- Wyeomyia drapetes*, D. & K., in Trinidad, V. 60.
- Wyeomyia fallax*, B.-W. & B., described as new from Dutch Guiana, VIII. 32; breeding-places of, VIII. 32.
- Wyeomyia fauna*, D. & K., described as new from Panama Canal Zone, VII. 105.
- Wyeomyia flavifacies*, Edw., described as new from British Guiana, X. 153.
- Wyeomyia* (*Phoniomyia*) *fuscipes*, Edw., described as new from Paraguay, X. 153.
- Wyeomyia grenadensis*, Edw., described as new, IV. 64; in Grenada, IV. 64, V. 53; breeding-places of, V. 53.
- Wyeomyia melanocephala*, D. & K., in Trinidad, V. 60.
- Wyeomyia melanopus*, Dyar, described as new from Panama, VIII. 32; breeding-places of, VIII. 32.
- Wyeomyia modalma*, Dyar, described as new from Panama, X. 132.
- Wyeomyia* (*Dodecamyia*) *mus*, Dyar, described as new from Philippines, IX. 51; bred from *Nepenthes*, IX. 51.
- Wyeomyia negrensis*, Gordon & Evans, described as new from Brazil, X. 234; breeding in wild bananas, X. 234.
- Wyeomyia occulta*, B.-W. & B., described as new from Dutch Guiana, VIII. 32; breeding-places of, VIII. 32.
- Wyeomyia ochrura*, D. & K., in Trinidad, V. 60.
- Wyeomyia* (*Phoniomyia*) *pallidiventer*, Theo., in Brazil, VI. 90.
- Wyeomyia pertinans*, Will., breeding-places of, in Grenada, V. 53.
- Wyeomyia prolepidis*, D. & K., described as new from Panama Canal Zone, VII. 105.
- Wyeomyia pseudopecten*, D. & K., in Trinidad, V. 60.
- Wyeomyia roloncetta*, Dyar, described as new from Panama, VIII. 32; breeding-places of, VIII. 32.
- Wyeomyia smithi*, Coq., in U.S.A., I. 22, 119, V. 161, X. 204; breeding-places of, X. 204; reaction of, to light, I. 22.
- Wyeomyia splendida*, B.-W. & B., described as new from Dutch Guiana, VIII. 32; breeding-places of, VIII. 32.
- Wyeomyia* (*Shropshirea*) *ypsipola*, Dyar, described as new from Panama, X. 132; breeding-places of, X. 132.
- wynyardensis*, *Tabanus*.

X.

- Xanthagrion erythroneurum*, Selys, predacious on mosquitos in Australia, V. 94.
- xanthina*, *Aphiochaeta*.
- xanthoaspidium*, *Atrichopogon*.
- xanthoceras*, *Culicoides*.
- xanthogaster*, *Culicoides*.
- xanthophora*, *Sarcophaga*.
- xanthophilis*, *Erephopsis*.

xanthopogon, *Erephopsis*.

xanthostoma, *Prochyliza*.

Xenopsylla, on rats in India, II. 95; thick-tailed form of *Leishmania* not produced in, IV. 174.

Xenopsylla aequisetosa, Endl., in Gold Coast, IV. 81, V. 48, X. 226; relation of, to plague, X. 226; on rats, IV. 81, V. 48.

Xenopsylla astia, Roths., on rats in Ceylon, II. 38, V. 150; in India, II. 38, 96, IV. 75, IX. 125, 210-212, X. 226; relation of, to plague, IX. 212, X. 226.

Xenopsylla brasiliensis, Baker, in E. Africa, X. 11; in W. Africa, IV. 150; in India, II. 96, IV. 75, IX. 125, 210-212.

Xenopsylla (Loemopsylla) cheopis, Roths., in E. Africa, X. 11; in S. Africa, III. 134; in W. Africa, IV. 66, 150, V. 48, X. 52, 96, 226; in Annam, V. 51; in Australia, III. 206, IV. 182, V. 41, VI. 62, VII. 81, 187, X. 144; in British Isles, V. 179, IX. 202; in Cambodia, III. 97; in Ceylon, V. 150; in Ecuador, VI. 192; in Egypt, III. 44; in Formosa, III. 100; in Br. Guiana, VII. 129; in India, II. 38, 96, IV. 75, IX. 210-212, X. 226; in Dutch E. Indies, I. 87, 90, III. 34, 205, IV. 128, V. 65, VI. 36, 53, 54, IX. 174, X. 44, 52, 96, 226; in Malaya, II. 189; in Malta, VI. 43, 190; in Panama Canal Zone, V. 140; in Philippines, III. 103, VII. 194; in Samoa, II. 83; in Turkey, IX. 7; in U.S.A., I. 186, VI. 210, VIII. 158, X. 44; in West Indies, I. 7, II. 13, 175; in Zanzibar, III. 50; intermediate host of *Hymenolepis*, V. 14, VIII. 85; Nematode larvae in, I. 165; and plague, I. 87, II. 60, 93, 115, III. 34, 100, 205, 206, 209, IV. 4, V. 51, VI. 220, VII. 155, VIII. 3, IX.

125, 212, X. 44, 52, 96, 226; transmitting *Trypanosoma lewisi*, I. 131; on man, I. 90; bionomics of, I. 88; larva of, II. 131; measures against, II. 62, VIII. 158, IX. 174; effect of temperature on, III. 9, 34, V. 151, VI. 193.

Xenopsylla chephrenis, R. & J., on *Acomys cahirinus* in Egypt, III. 44.

Xenopsylla cleopatrae, Roths., on *Gerbillus pyramidum* in Egypt, III. 44.

Xenopsylla nubica, Roths., hosts of, in S. Africa, III. 134.

Xestopsylla gallinacea (see *Echidnophaga*).

xivylis, *Culex* (*Choeroporpa*).

Y.

ybarmis, *Culex* (*Choeroporpa*).

yeburyi, *Aedes*; *Simulium*.

yezoensis, *Corizoneura*.

ypsipola, *Wyeomyia* (*Shropshirea*).

Z.

Zaitha, predacious on mosquito larvae in Brazil, IX. 202.

zammitti, *Aedes* (*Ochlerotatus*).

zebrae, *Gastrophilus pecorum* (see *G. pecorum*).

zeta, *Sarcophaga*.

zeteci, *Culex* (*Melanoconion*).

Zeugomyia, in Oriental Region, X. 229.

ziemanni, *Glossina*.

zonalis, *Tabanus*.

zonata, *Pangonia*.

zonatus, *Camponotus landolti*; *Dacus* (*Chaetodacus*).

zoösoptus, *Aedes*.

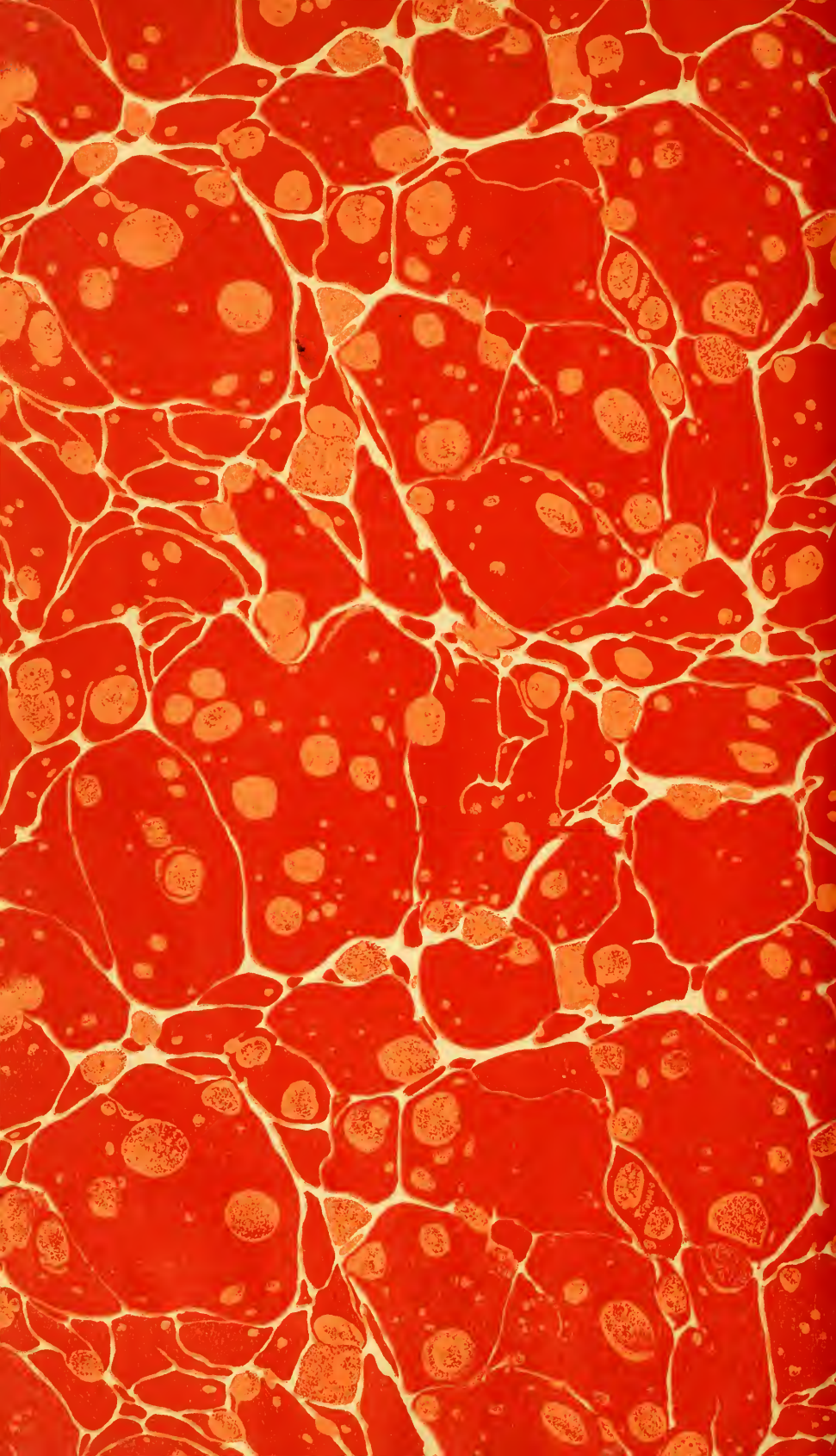
Zygosis heteropterus, Hartig, parasite of flies, II. 134.

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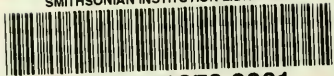
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